This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents *will not* correct images, please do not report the images to the Image Problem Mailbox.

FIG.1

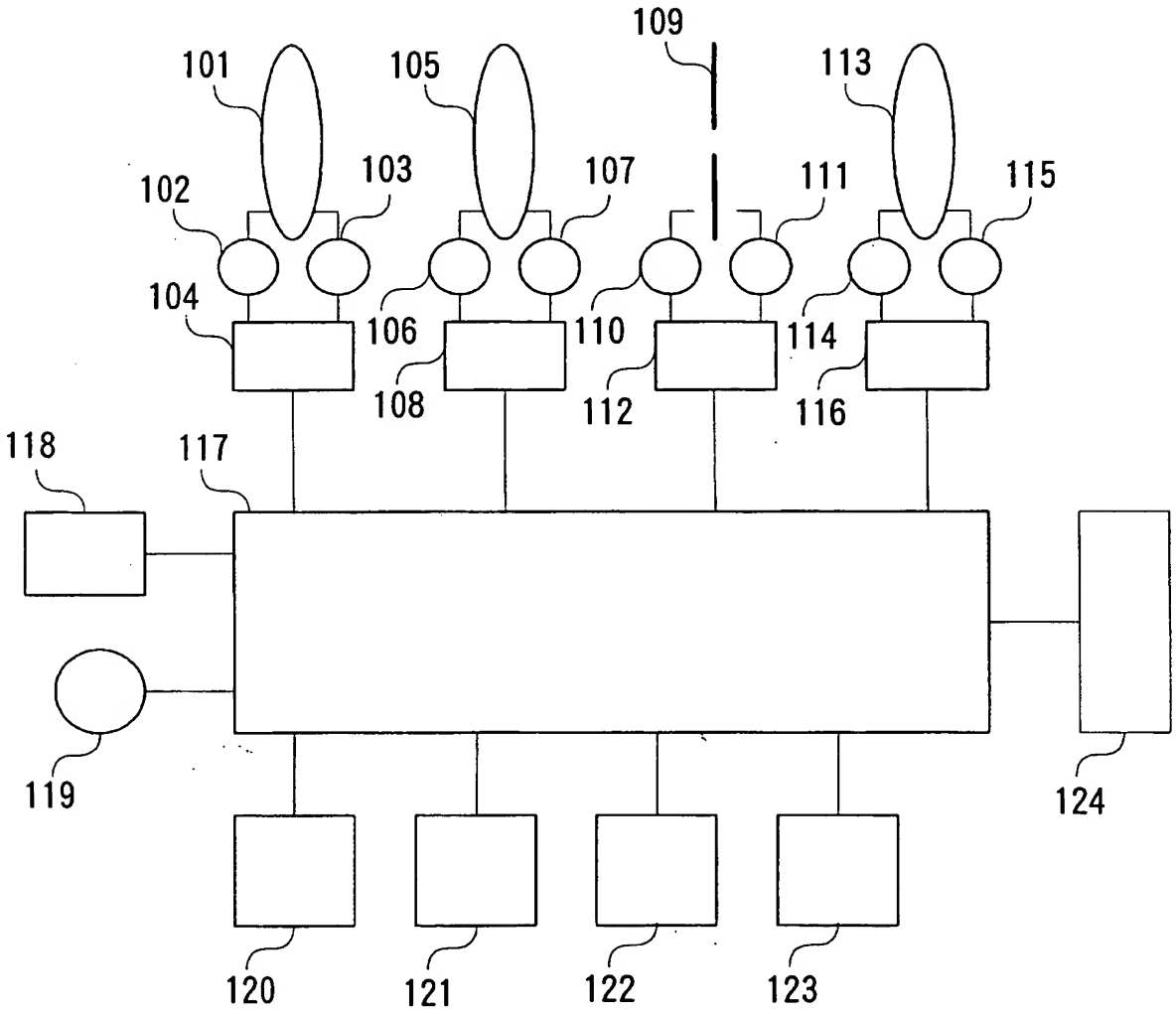

101
105
109
113
102
103
107
111
115
104
106
110
114
108
112
116
118
117
119
124
120
121
122
123

FIG.2

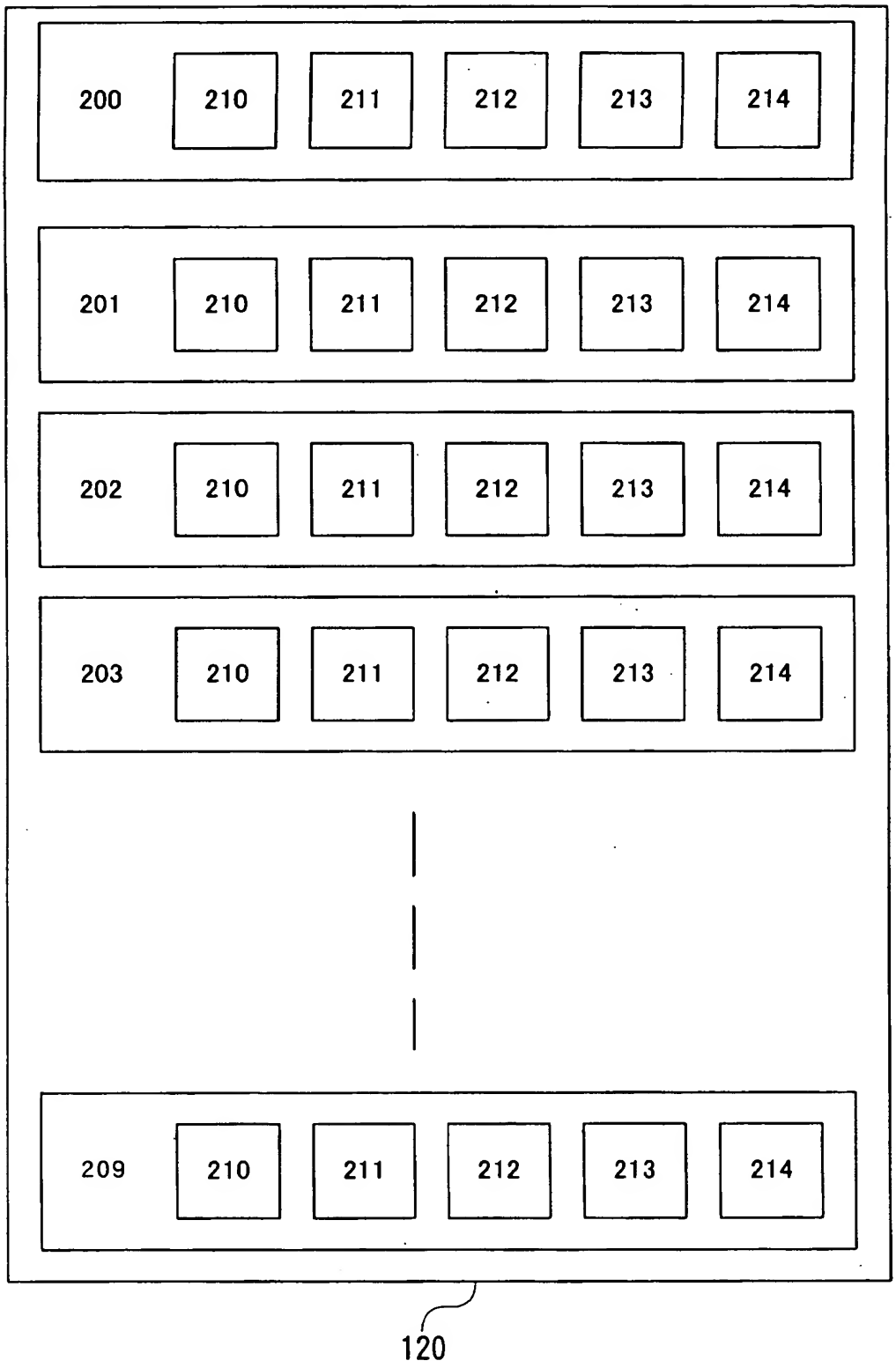

200
210
211
212
213
214
201
210
211
212
213
214
202
210
211
212
213
214
203
210
211
212
213
214
209
210
211
212
213
214
120

FIG.3

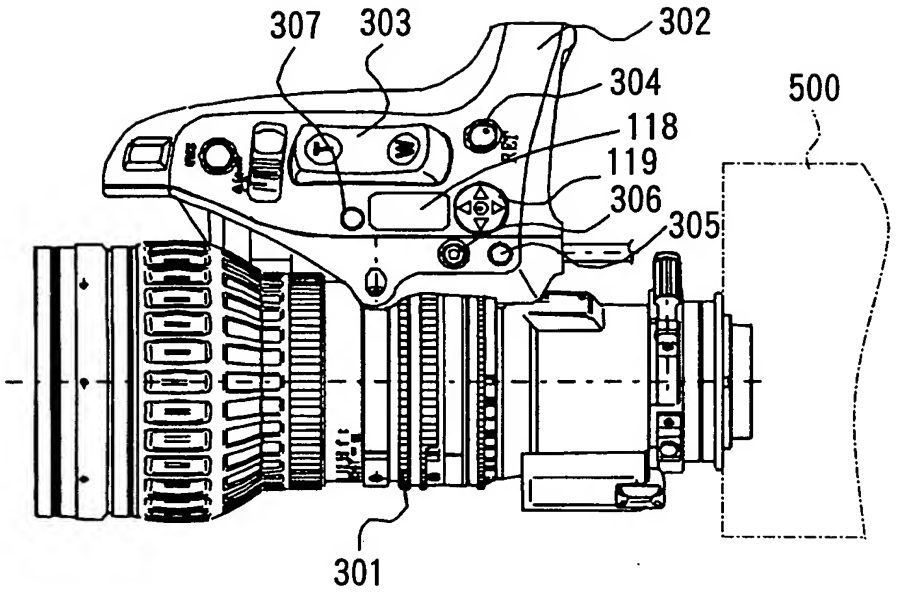


FIG.4

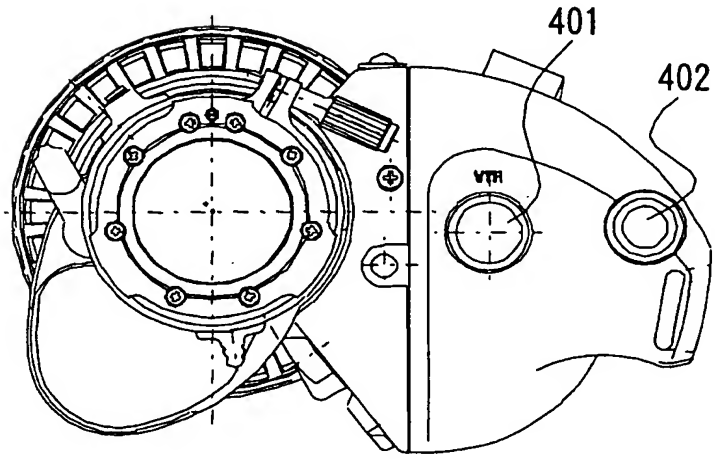


FIG.5

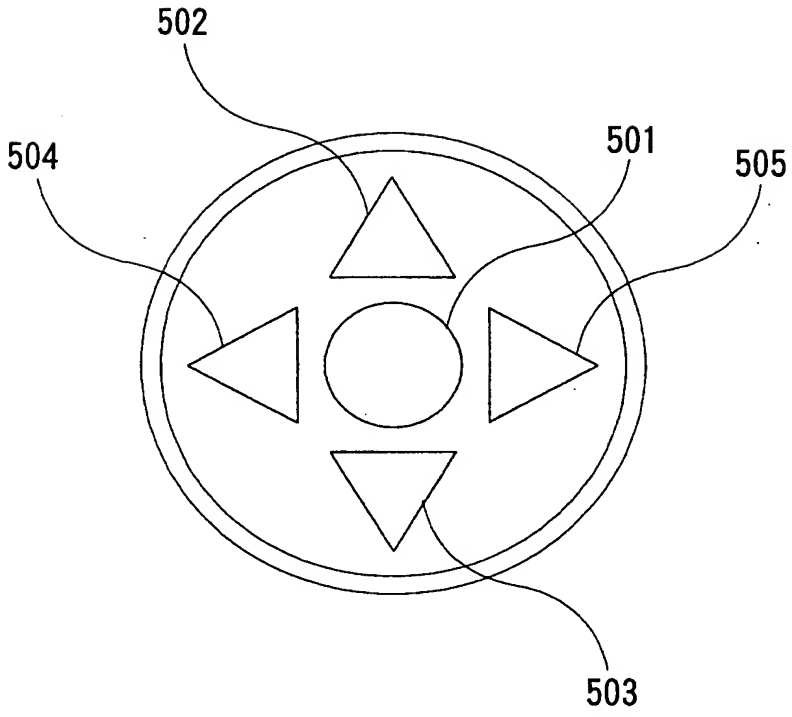
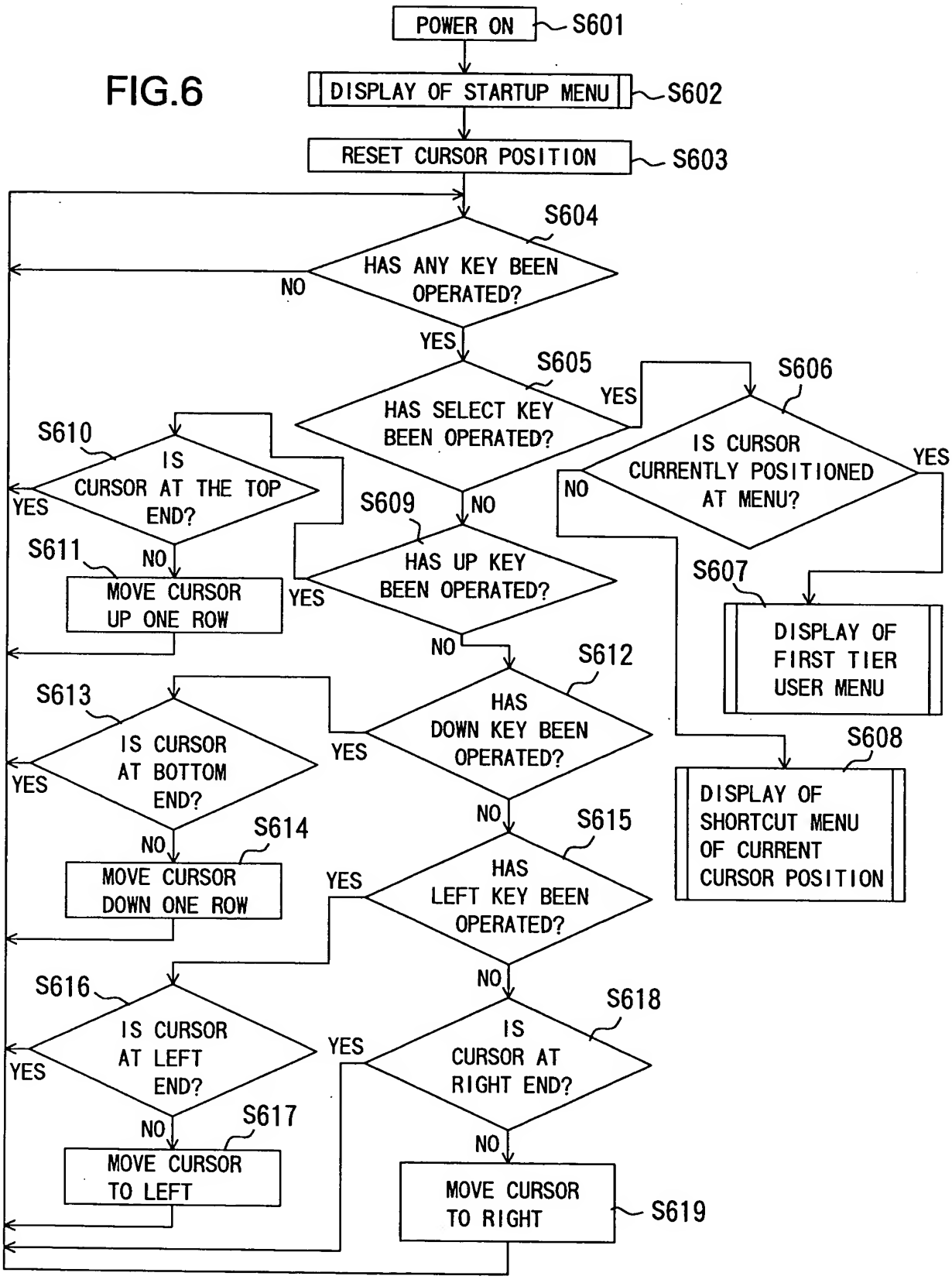


FIG.6


POWER ON
S601
DISPLAY OF STARTUP MENU
S602
RESET CURSOR POSITION
S603
S604
HAS ANY KEY BEEN OPERATED?
NO
YES
S605
HAS SELECT KEY BEEN OPERATED?
YES
S606
IS CURSOR CURRENTLY POSITIONED AT MENU?
YES
NO
S607
DISPLAY OF FIRST TIER USER MENU
S608
DISPLAY OF SHORTCUT MENU OF CURRENT CURSOR POSITION
NO
S609
HAS UP KEY BEEN OPERATED?
YES
S610
IS CURSOR AT THE TOP END?
YES
NO
S611
MOVE CURSOR UP ONE ROW
NO
S612
HAS DOWN KEY BEEN OPERATED?
YES
S613
IS CURSOR AT BOTTOM END?
YES
NO
S614
MOVE CURSOR DOWN ONE ROW
NO
S615
HAS LEFT KEY BEEN OPERATED?
YES
S616
IS CURSOR AT LEFT END?
YES
NO
S617
MOVE CURSOR TO LEFT
NO
S618
IS CURSOR AT RIGHT END?
YES
NO
MOVE CURSOR TO RIGHT
S619

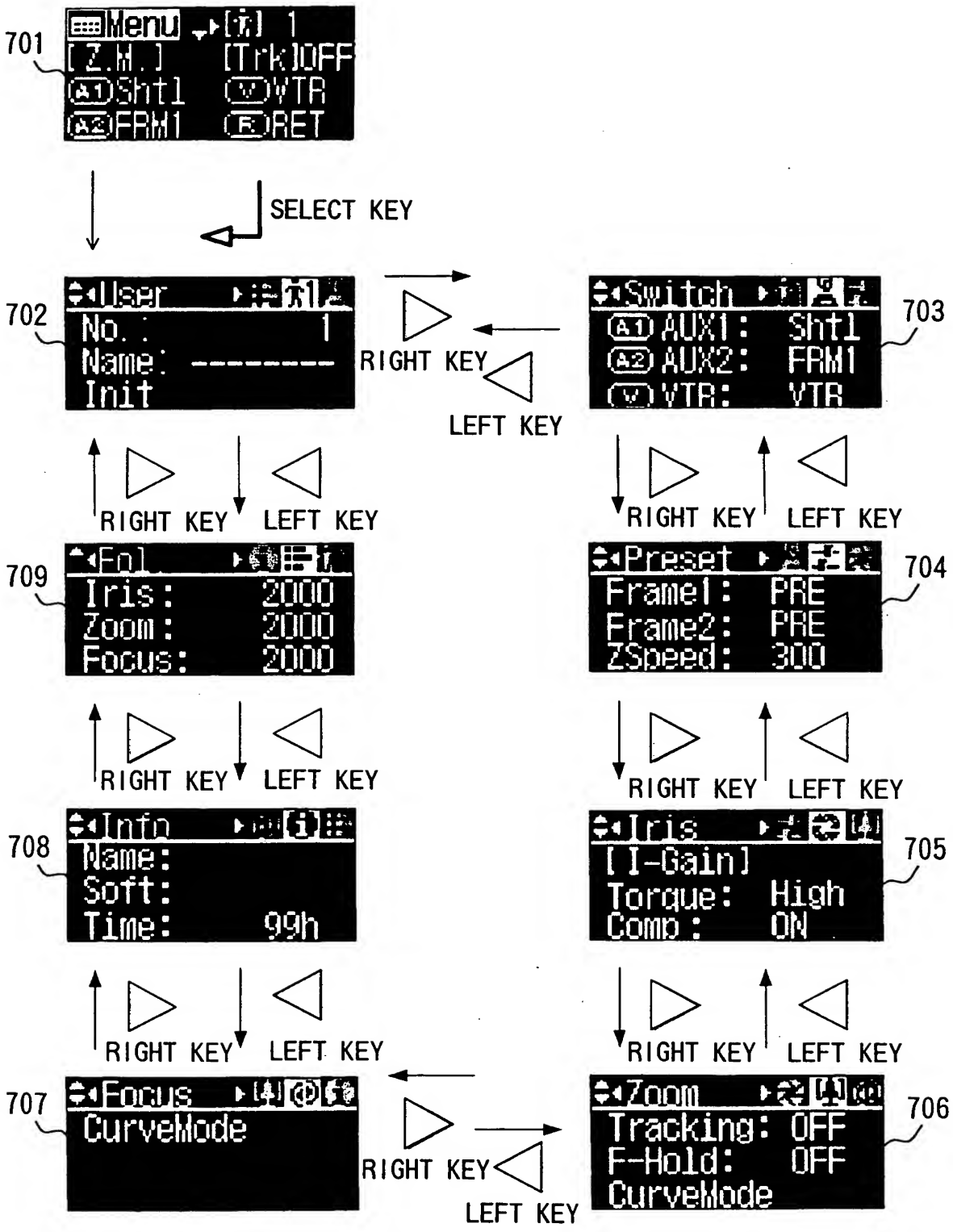

701
Menu
[Z.M.]
[Trk]OFF
Shtl
VTR
FRM1
RET
SELECT KEY
702
User
No.: 1
Name: --------
Init
RIGHT KEY
LEFT KEY
703
Switch
AUX1: Shtl
AUX2: FRM1
VTR: VTR
RIGHT KEY
LEFT KEY
RIGHT KEY
LEFT KEY
709
Fnl
Iris: 2000
Zoom: 2000
Focus: 2000
704
Preset
Frame1: PRE
Frame2: PRE
ZSpeed: 300
RIGHT KEY
LEFT KEY
RIGHT KEY
LEFT KEY
708
Info
Name:
Soft:
Time: 99h
705
Iris
[I-Gain]
Torque: High
Comp: ON
RIGHT KEY
LEFT KEY
RIGHT KEY
LEFT KEY
707
Focus
CurveMode
RIGHT KEY
LEFT KEY
706
Zoom
Tracking: OFF
F-Hold: OFF
CurveMode

FIG.7

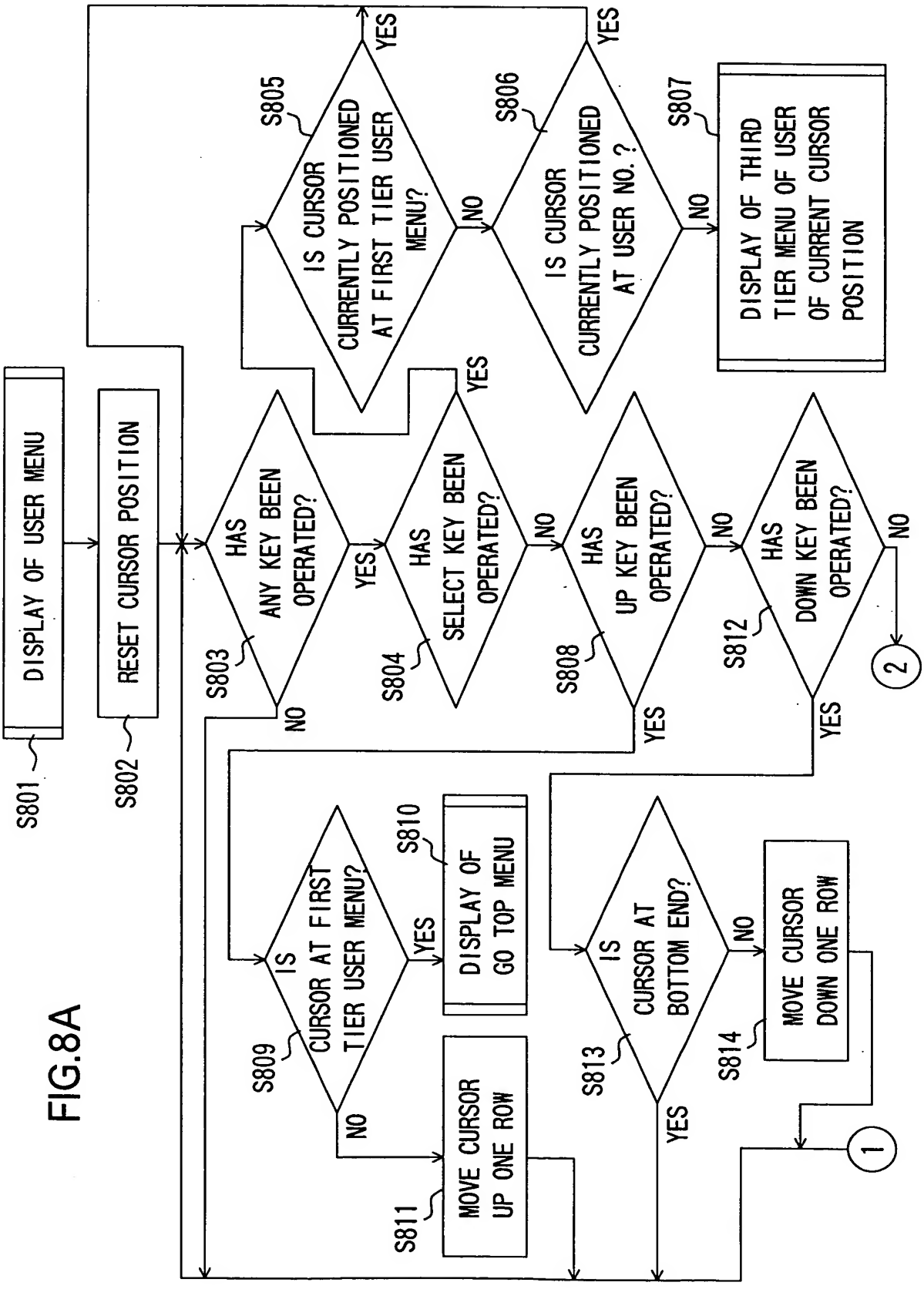
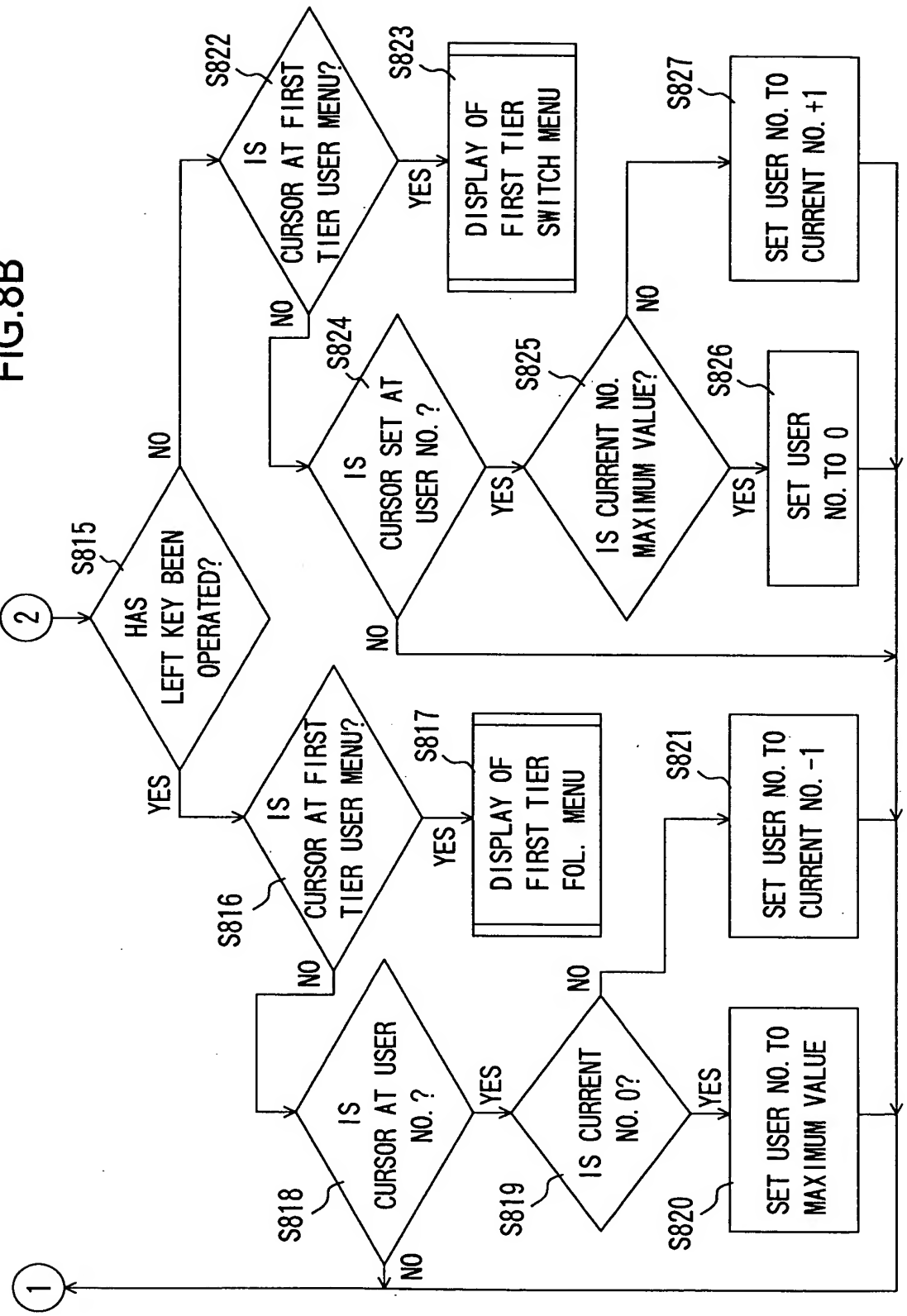

S801
DISPLAY OF USER MENU
S802
RESET CURSOR POSITION
S803
HAS ANY KEY BEEN OPERATED?
S804
HAS SELECT KEY BEEN OPERATED?
S805
IS CURSOR CURRENTLY POSITIONED AT FIRST TIER USER MENU?
S806
IS CURSOR CURRENTLY POSITIONED AT USER NO.?
S807
DISPLAY OF THIRD TIER MENU OF USER OF CURRENT CURSOR POSITION
S808
HAS UP KEY BEEN OPERATED?
S809
IS CURSOR AT FIRST TIER USER MENU?
S810
DISPLAY OF GO TOP MENU
S811
MOVE CURSOR UP ONE ROW
S812
HAS DOWN KEY BEEN OPERATED?
S813
IS CURSOR AT BOTTOM END?
S814
MOVE CURSOR DOWN ONE ROW
YES
NO
1
2

FIG.8A

FIG.8B


2
S815
HAS LEFT KEY BEEN OPERATED?
NO
YES
S822
IS CURSOR AT FIRST TIER USER MENU?
YES
S823
DISPLAY OF FIRST TIER SWITCH MENU
NO
S824
IS CURSOR SET AT USER NO.?
YES
S825
IS CURRENT NO. MAXIMUM VALUE?
YES
S826
SET USER NO. TO 0
NO
S827
SET USER NO. TO CURRENT NO. +1
NO
S816
IS CURSOR AT FIRST TIER USER MENU?
YES
S817
DISPLAY OF FIRST TIER FOL. MENU
NO
S818
IS CURSOR AT USER NO.?
YES
S819
IS CURRENT NO. 0?
YES
S820
SET USER NO. TO MAXIMUM VALUE
NO
S821
SET USER NO. TO CURRENT NO. -1
NO
1

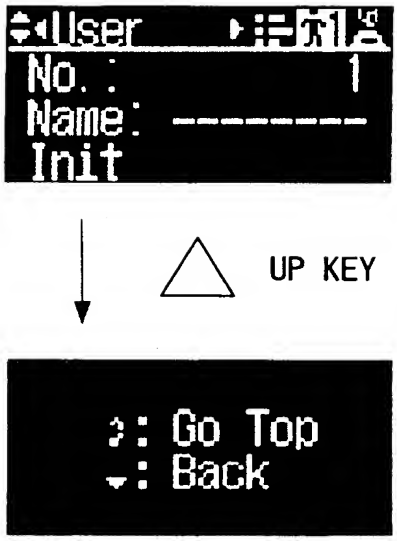

User
No. : 1
Name: --------
Init
UP KEY
: Go Top
: Back

FIG.9

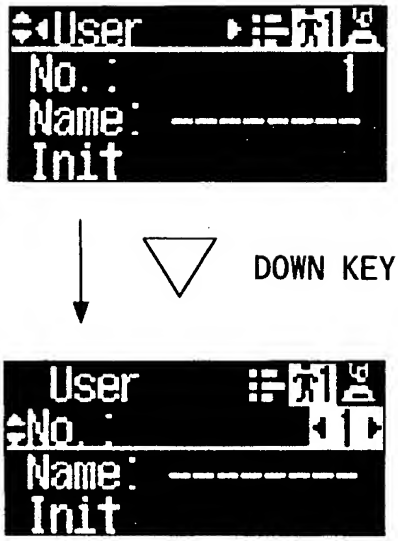

User
No. : 1
Name: --------
Init
DOWN KEY
User
No. : 1
Name: --------
Init

FIG.10

FIG.11A

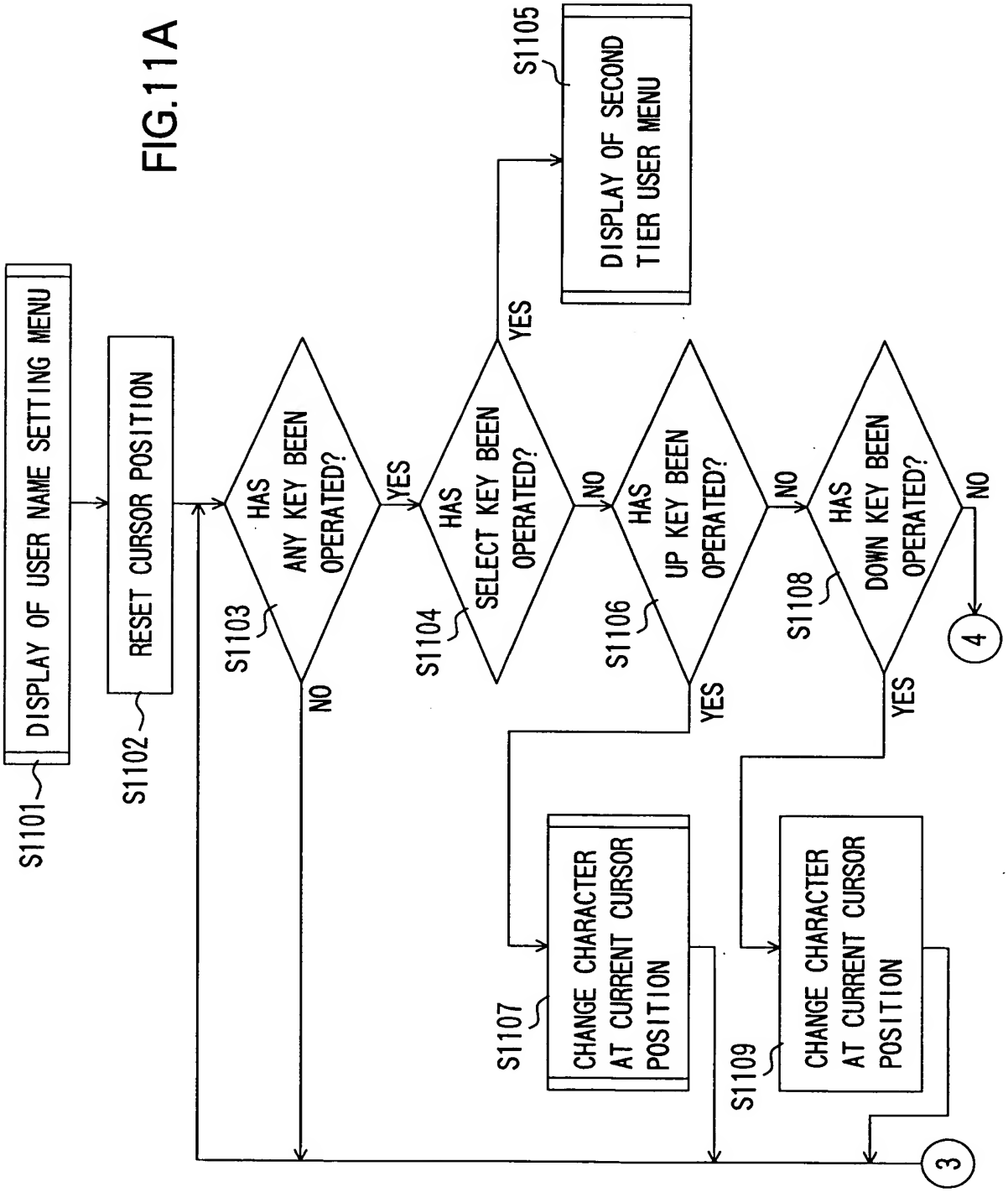
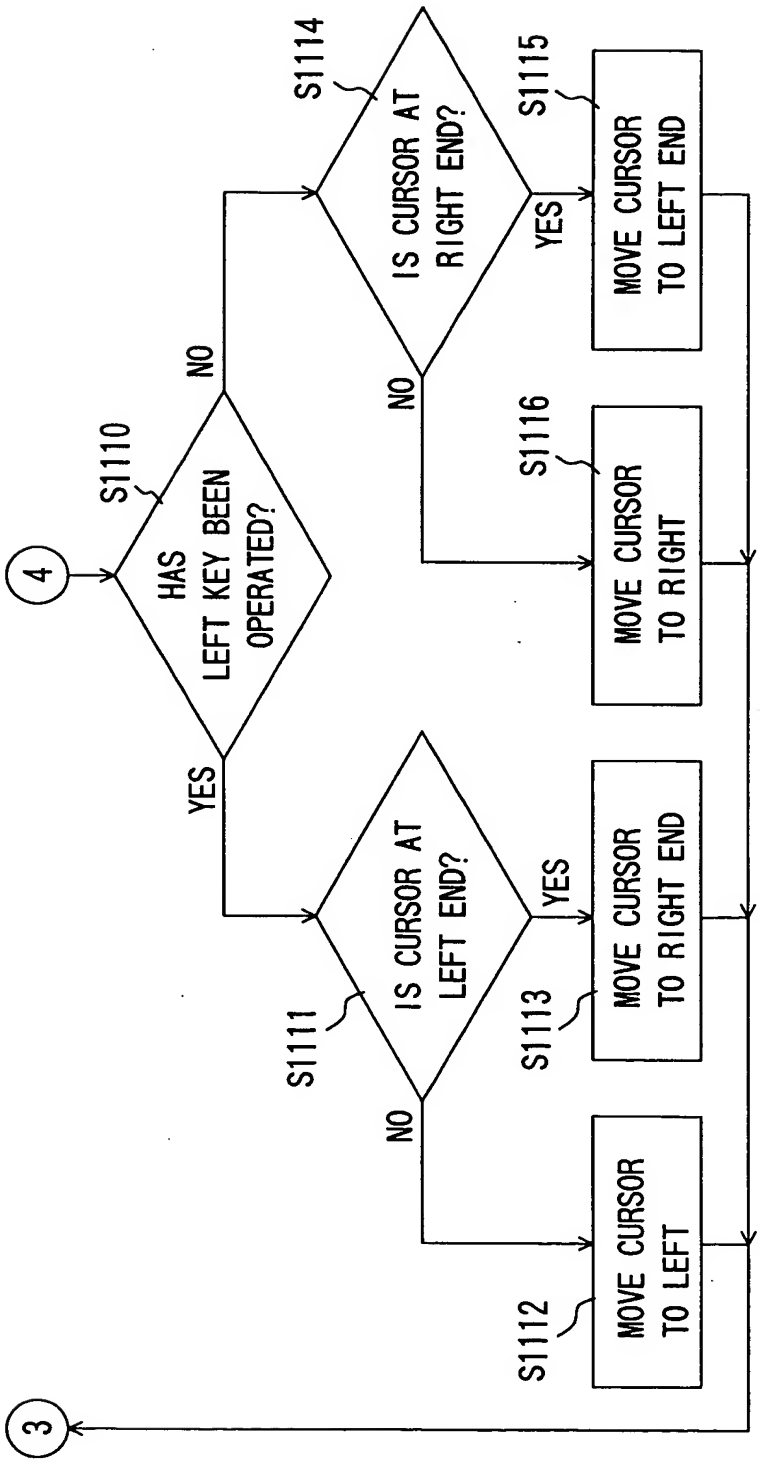

S1101
DISPLAY OF USER NAME SETTING MENU
S1102
RESET CURSOR POSITION
S1103
HAS ANY KEY BEEN OPERATED?
YES
NO
S1104
HAS SELECT KEY BEEN OPERATED?
YES
NO
S1105
DISPLAY OF SECOND TIER USER MENU
S1106
HAS UP KEY BEEN OPERATED?
YES
NO
S1107
CHANGE CHARACTER AT CURRENT CURSOR POSITION
S1108
HAS DOWN KEY BEEN OPERATED?
YES
NO
S1109
CHANGE CHARACTER AT CURRENT CURSOR POSITION
3
4

FIG.11B


4
S1110
HAS LEFT KEY BEEN OPERATED?
NO
YES
S1111
IS CURSOR AT LEFT END?
NO
YES
S1112
MOVE CURSOR TO LEFT
S1113
MOVE CURSOR TO RIGHT END
S1114
IS CURSOR AT RIGHT END?
NO
YES
S1115
MOVE CURSOR TO LEFT END
S1116
MOVE CURSOR TO RIGHT
3

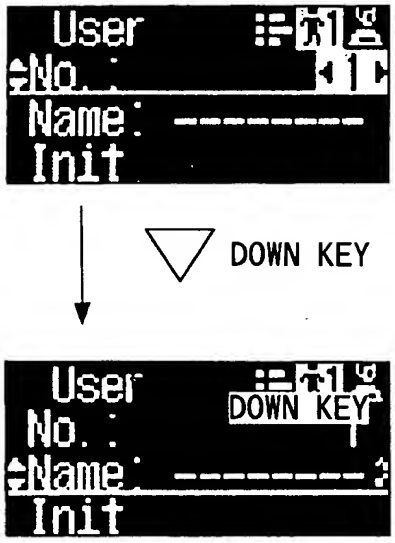

User
No. : 1
Name: --------
Init
DOWN KEY
User
No. :
DOWN KEY
Name: --------
Init

FIG.12

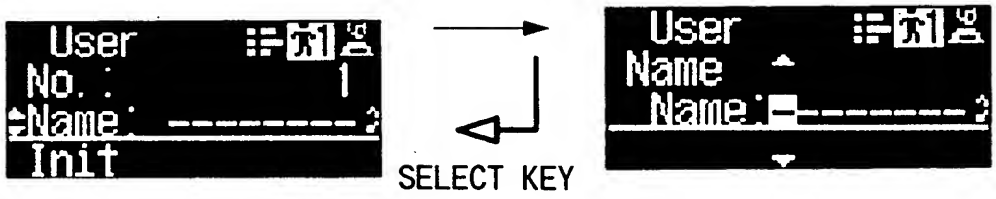

User
No. : 1
Name: --------
Init
SELECT KEY
User
Name
Name: --------

FIG.13

FIG.14A

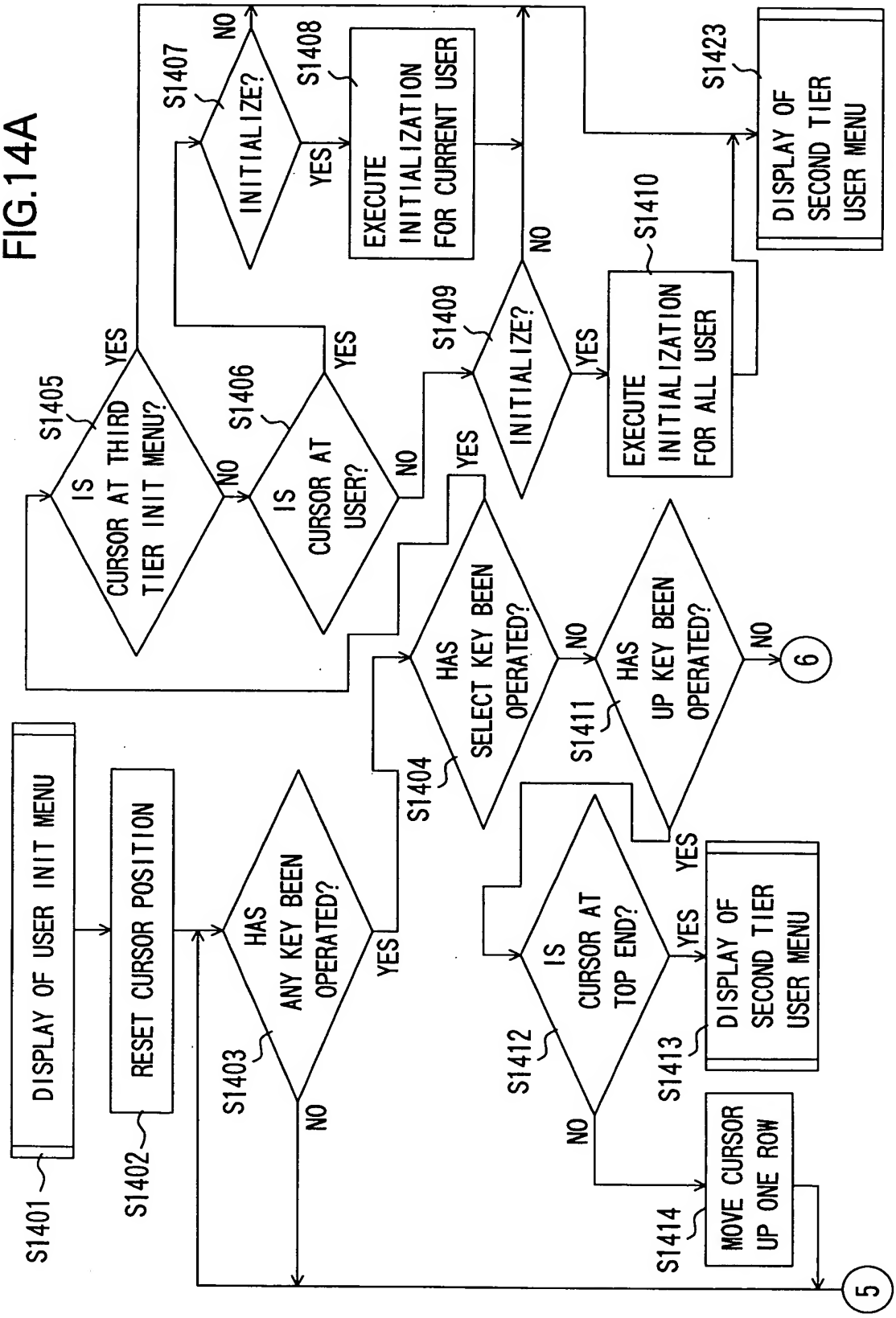
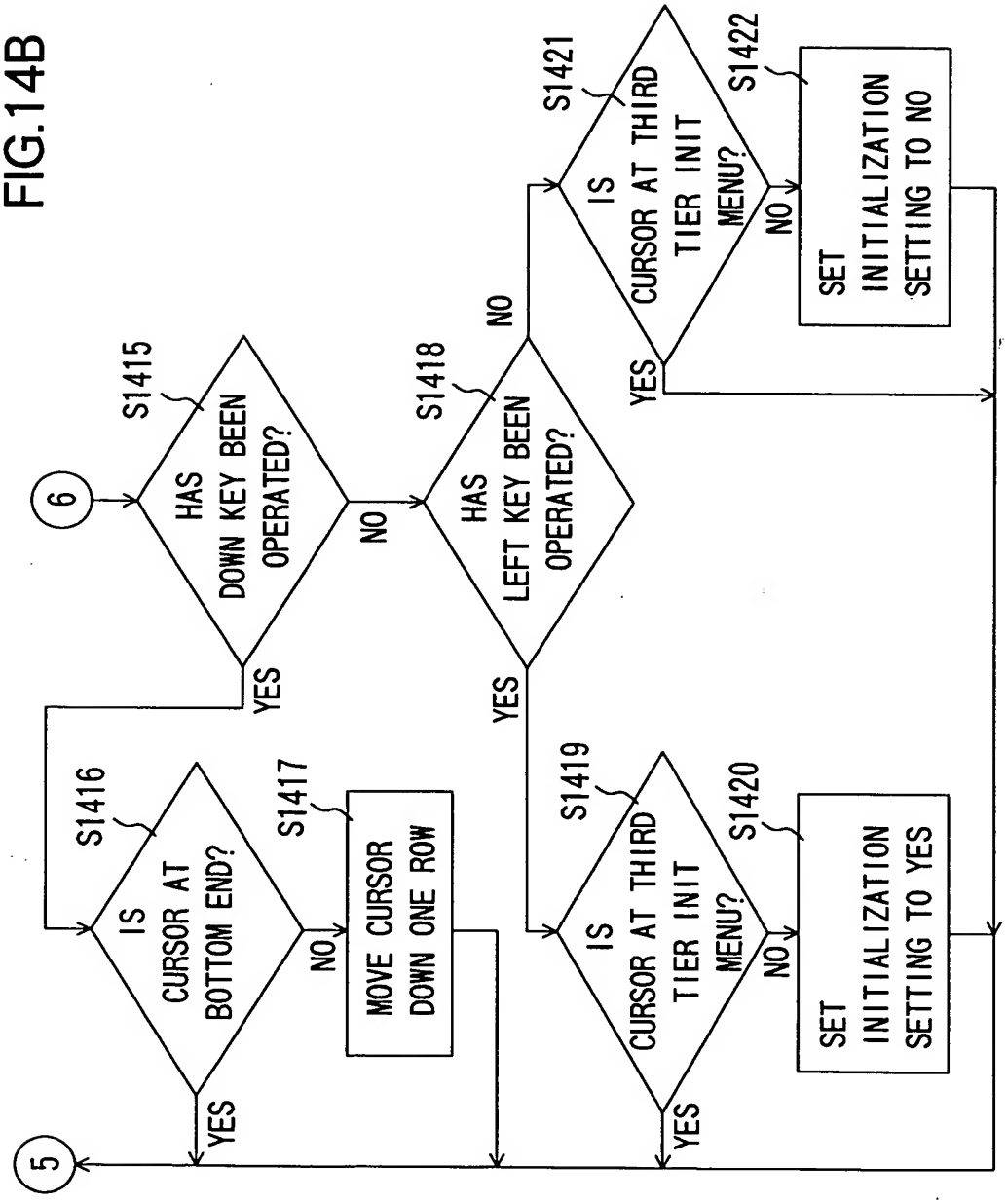

S1401
DISPLAY OF USER INIT MENU
S1402
RESET CURSOR POSITION
S1403
HAS ANY KEY BEEN OPERATED?
YES
NO
S1404
HAS SELECT KEY BEEN OPERATED?
YES
NO
S1405
IS CURSOR AT THIRD TIER INIT MENU?
YES
NO
S1406
IS CURSOR AT USER?
YES
NO
S1407
INITIALIZE?
YES
NO
S1408
EXECUTE INITIALIZATION FOR CURRENT USER
S1409
INITIALIZE?
YES
NO
S1410
EXECUTE INITIALIZATION FOR ALL USER
S1411
HAS UP KEY BEEN OPERATED?
YES
NO
S1412
IS CURSOR AT TOP END?
YES
NO
S1413
DISPLAY OF SECOND TIER USER MENU
S1414
MOVE CURSOR UP ONE ROW
S1423
DISPLAY OF SECOND TIER USER MENU
5
6

FIG.14B


6
S1415
HAS DOWN KEY BEEN OPERATED?
NO
S1418
HAS LEFT KEY BEEN OPERATED?
NO
S1421
IS CURSOR AT THIRD TIER INIT MENU?
NO
S1422
SET INITIALIZATION SETTING TO NO
YES
YES
YES
S1416
IS CURSOR AT BOTTOM END?
NO
S1417
MOVE CURSOR DOWN ONE ROW
S1419
IS CURSOR AT THIRD TIER INIT MENU?
NO
S1420
SET INITIALIZATION SETTING TO YES
YES
YES
5

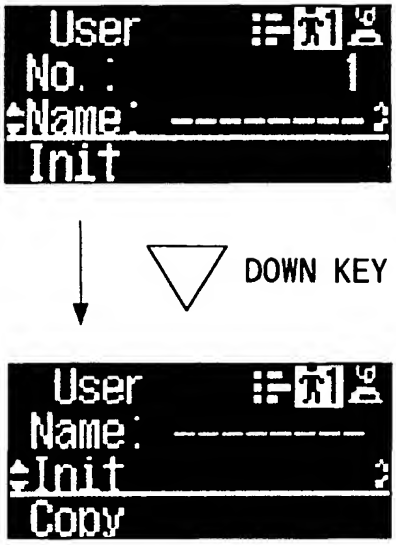


FIG.15

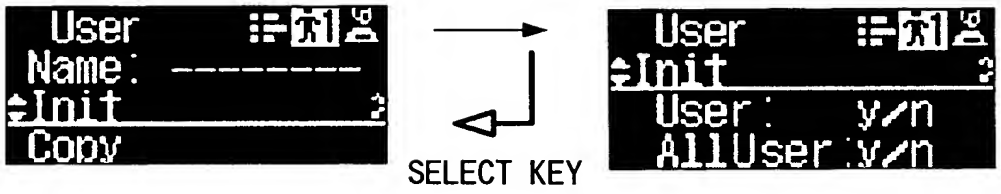


FIG.16

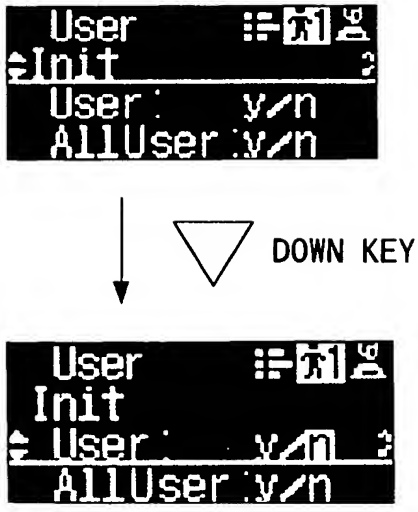


FIG.17

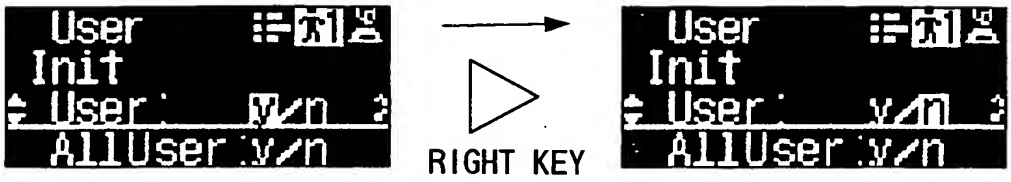


FIG.18

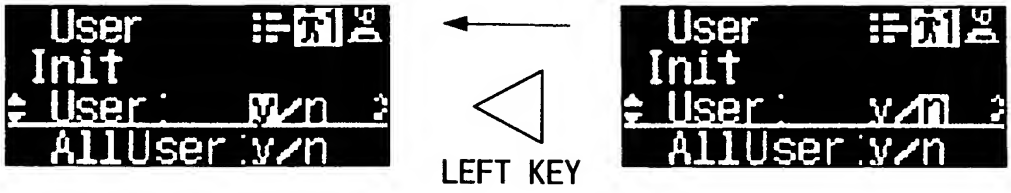


FIG.19

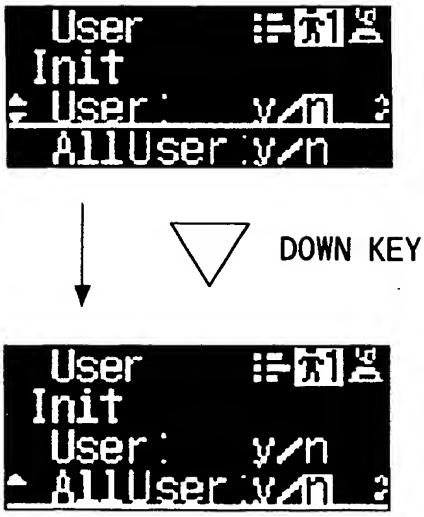


FIG.20

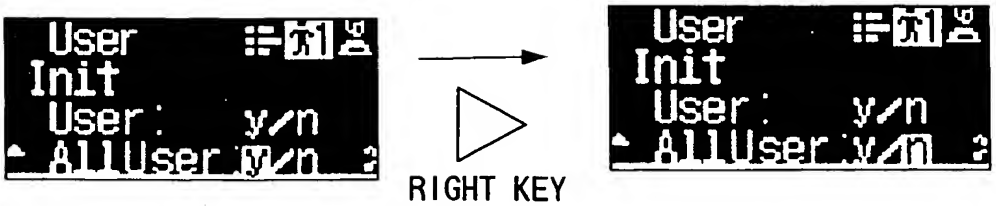


FIG.21

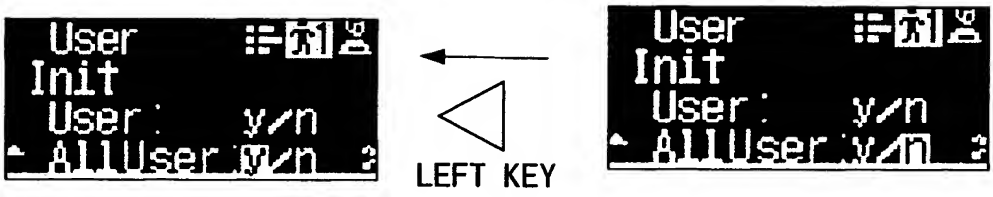

User
Init
User: y/n
AllUser y/n
LEFT KEY
User
Init
User: y/n
AllUser y/n

FIG.22

FIG.23A

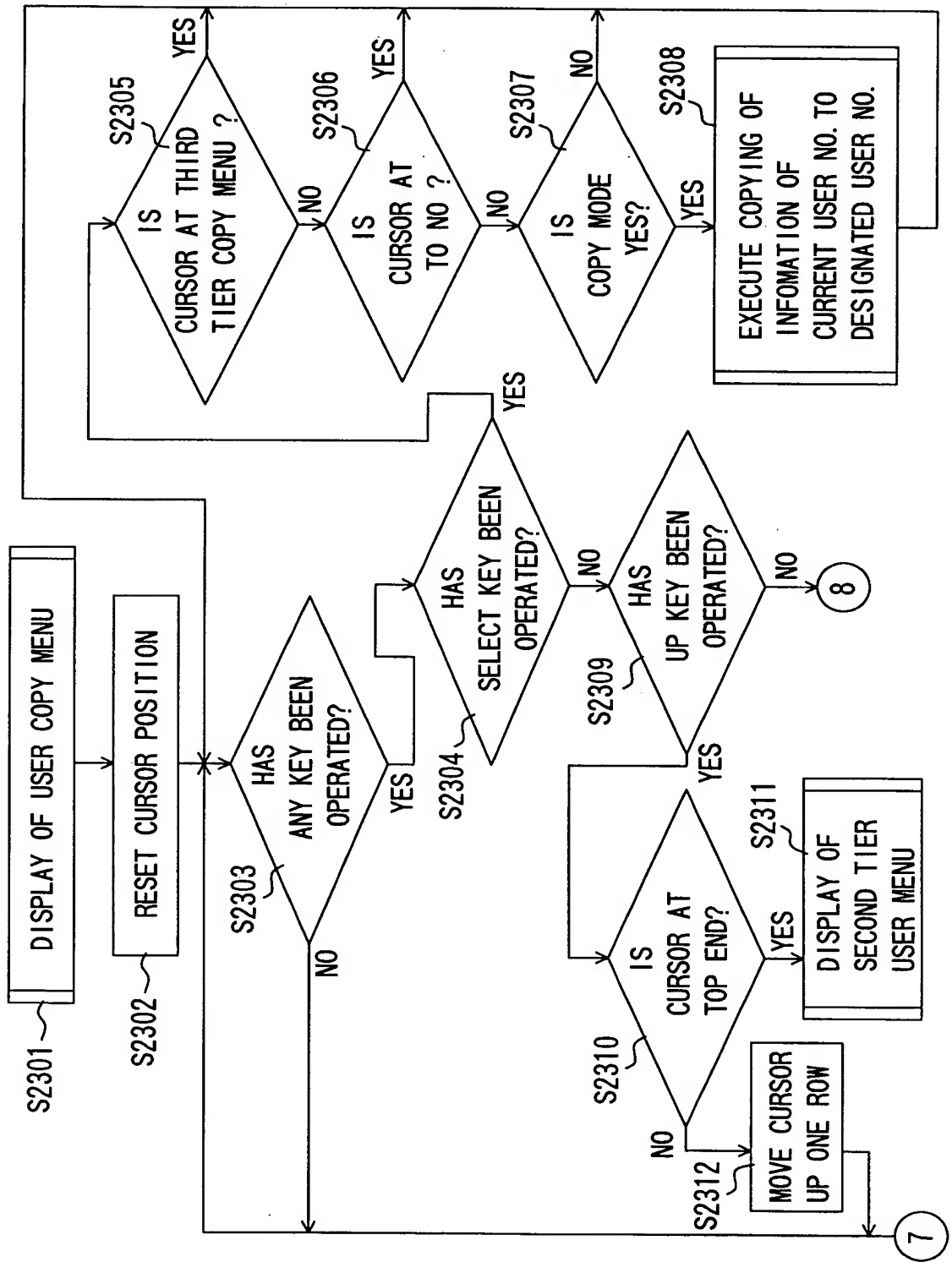
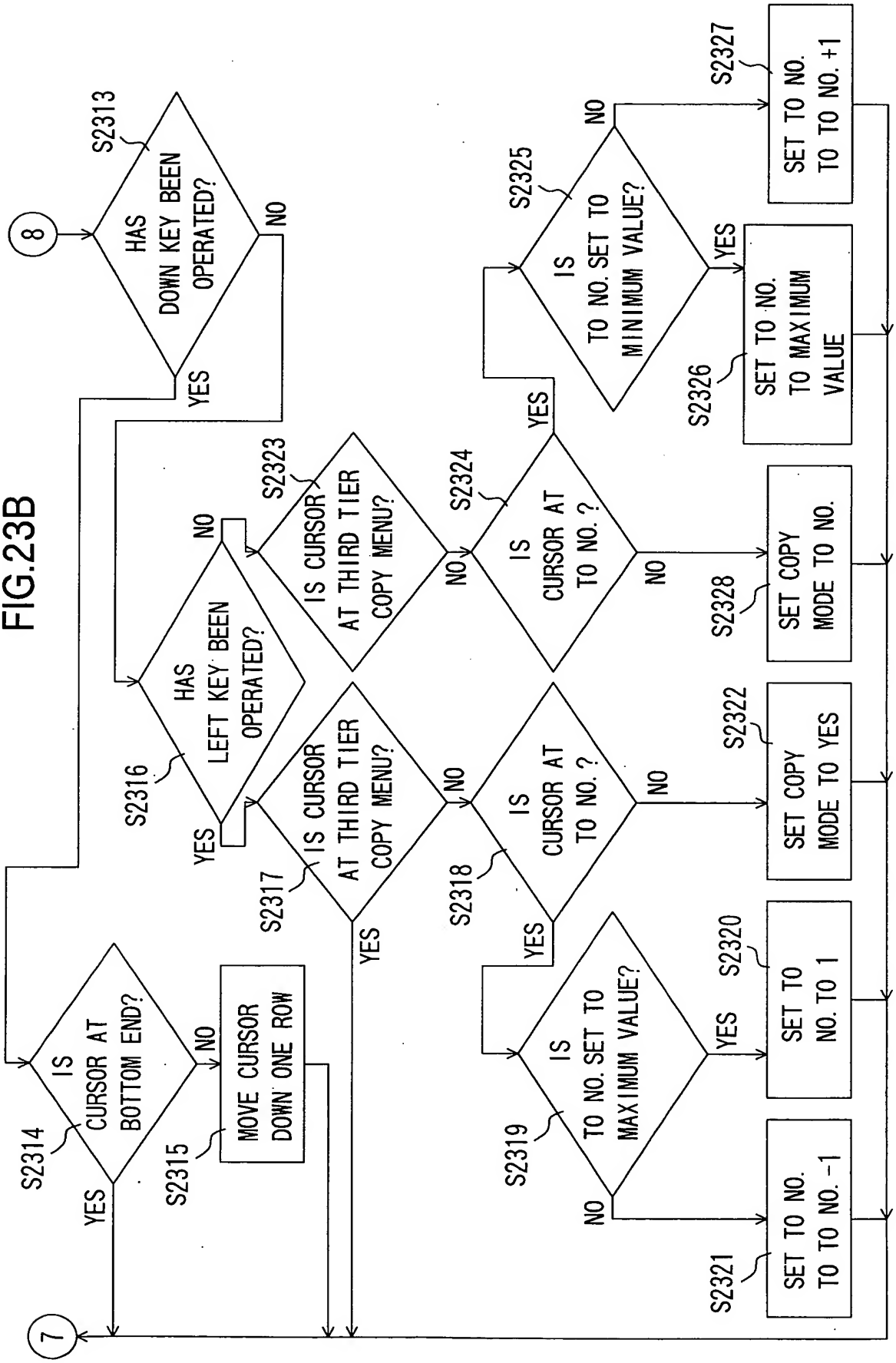

S2301
DISPLAY OF USER COPY MENU
S2302
RESET CURSOR POSITION
S2303
HAS ANY KEY BEEN OPERATED?
YES
NO
S2304
HAS SELECT KEY BEEN OPERATED?
YES
NO
S2305
IS CURSOR AT THIRD TIER COPY MENU ?
YES
NO
S2306
IS CURSOR AT TO NO ?
YES
NO
S2307
IS COPY MODE YES?
YES
NO
S2308
EXECUTE COPYING OF INFOMATION OF CURRENT USER NO. TO DESIGNATED USER NO.
S2309
HAS UP KEY BEEN OPERATED?
YES
NO
8
S2310
IS CURSOR AT TOP END?
YES
NO
S2311
DISPLAY OF SECOND TIER USER MENU
S2312
MOVE CURSOR UP ONE ROW
7

FIG.23B


8
S2313
HAS DOWN KEY BEEN OPERATED?
NO
YES
S2314
IS CURSOR AT BOTTOM END?
YES
NO
S2315
MOVE CURSOR DOWN ONE ROW
S2316
HAS LEFT KEY BEEN OPERATED?
NO
YES
S2317
IS CURSOR AT THIRD TIER COPY MENU?
YES
NO
S2318
IS CURSOR AT TO NO.?
YES
NO
S2319
IS TO NO. SET TO MAXIMUM VALUE?
NO
YES
S2320
SET TO NO. TO 1
S2321
SET TO NO. TO TO NO. -1
S2322
SET COPY MODE TO YES
S2323
IS CURSOR AT THIRD TIER COPY MENU?
NO
YES
S2324
IS CURSOR AT TO NO.?
NO
YES
S2325
IS TO NO. SET TO MINIMUM VALUE?
NO
YES
S2326
SET TO NO. TO MAXIMUM VALUE
S2327
SET TO NO. TO TO NO. +1
S2328
SET COPY MODE TO NO.
7

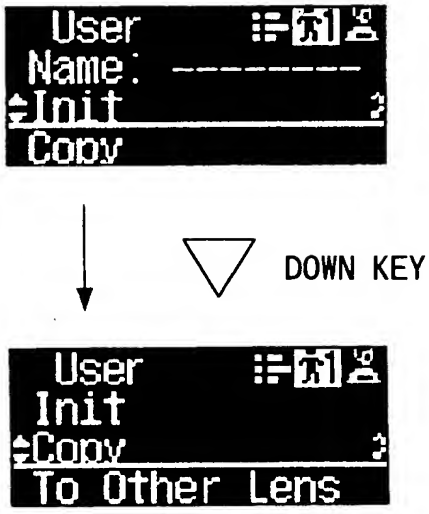


FIG.24

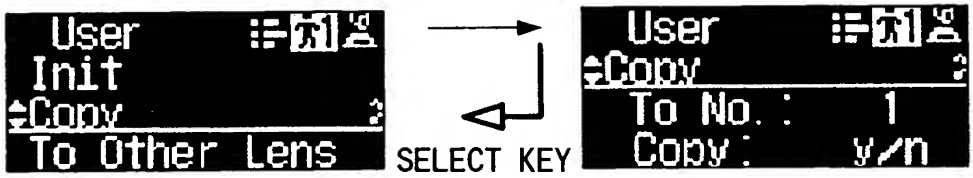


FIG.25

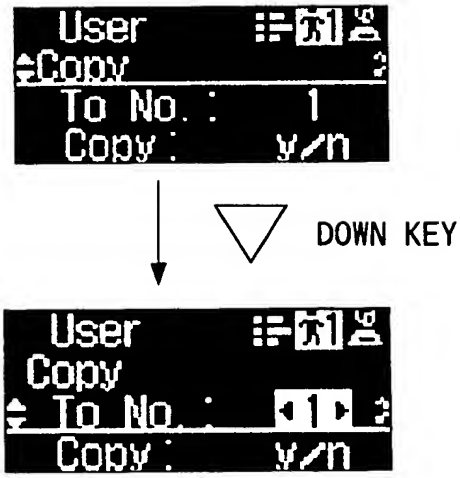


FIG.26

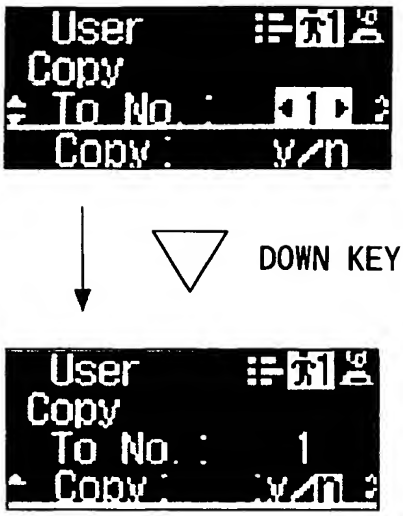


FIG.27

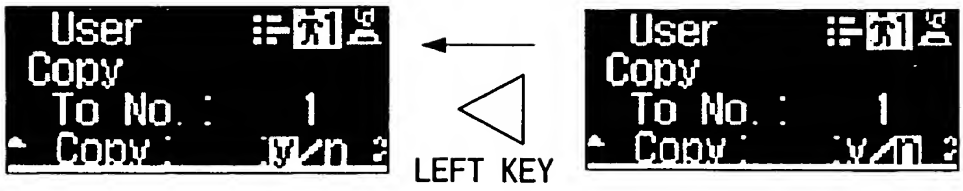


FIG.28

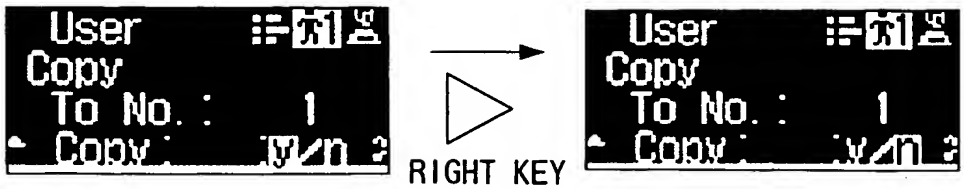


FIG029

FIG.30A

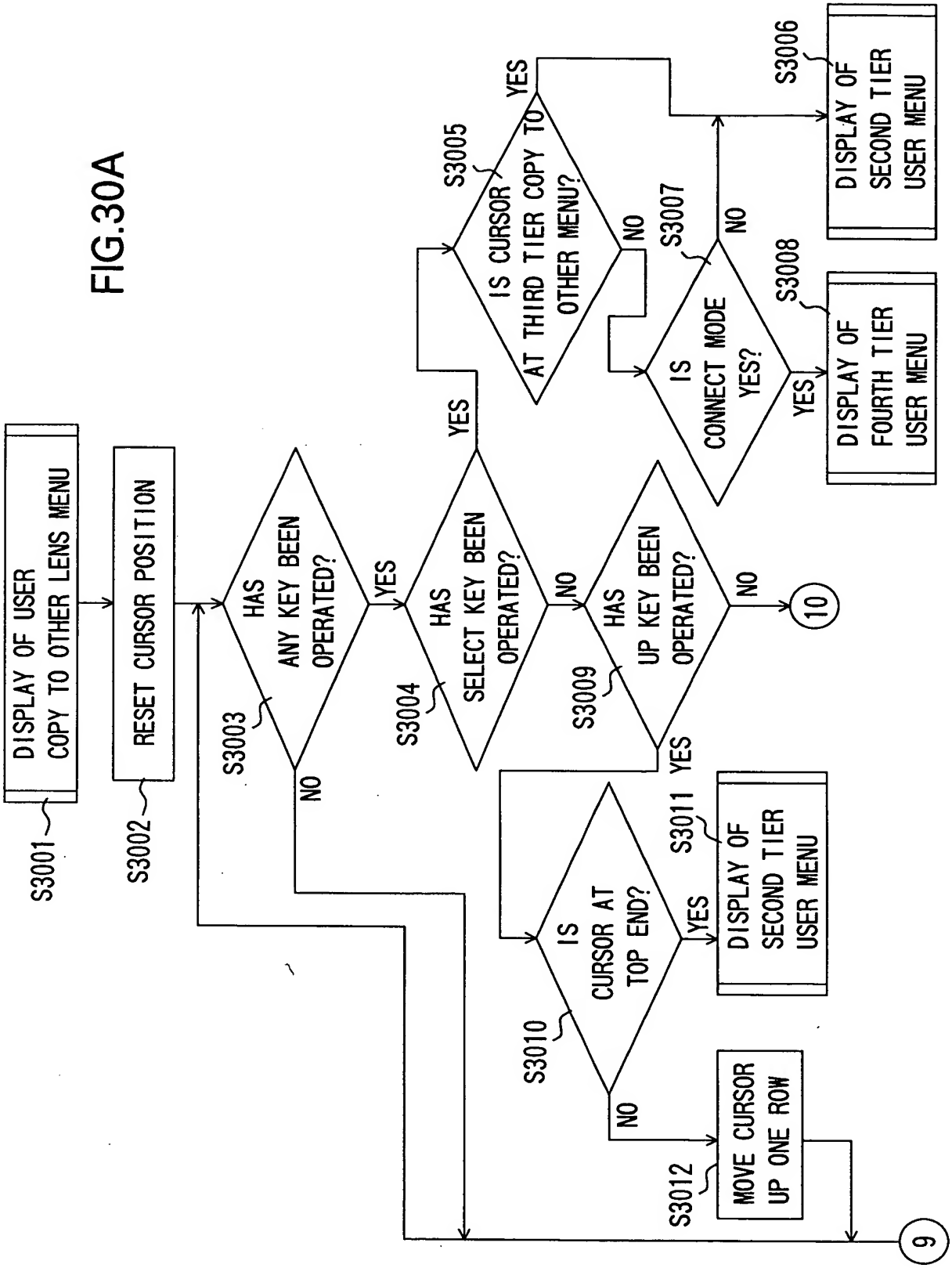
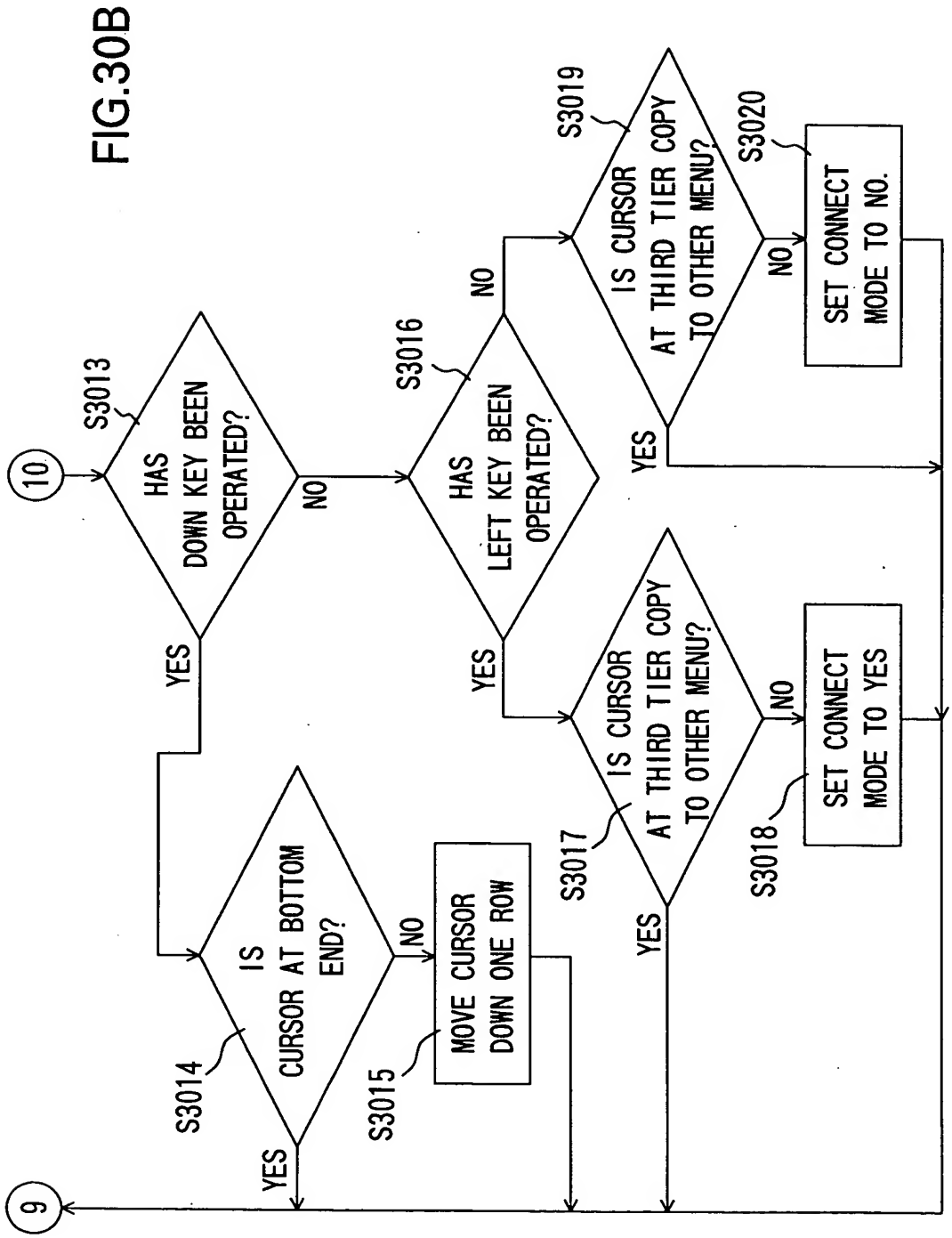

DISPLAY OF USER COPY TO OTHER LENS MENU
S3001
RESET CURSOR POSITION
S3002
HAS ANY KEY BEEN OPERATED?
S3003
YES
NO
HAS SELECT KEY BEEN OPERATED?
S3004
YES
NO
IS CURSOR AT THIRD TIER COPY TO OTHER MENU?
S3005
YES
NO
DISPLAY OF SECOND TIER USER MENU
S3006
IS CONNECT MODE YES?
S3007
YES
NO
DISPLAY OF FOURTH TIER USER MENU
S3008
HAS UP KEY BEEN OPERATED?
S3009
YES
NO
IS CURSOR AT TOP END?
S3010
YES
NO
DISPLAY OF SECOND TIER USER MENU
S3011
MOVE CURSOR UP ONE ROW
S3012
10
9

FIG.30B


10
S3013
HAS DOWN KEY BEEN OPERATED?
YES
NO
S3016
HAS LEFT KEY BEEN OPERATED?
YES
NO
S3019
IS CURSOR AT THIRD TIER COPY TO OTHER MENU?
YES
NO
S3020
SET CONNECT MODE TO NO.
S3014
IS CURSOR AT BOTTOM END?
YES
NO
S3015
MOVE CURSOR DOWN ONE ROW
S3017
IS CURSOR AT THIRD TIER COPY TO OTHER MENU?
YES
NO
S3018
SET CONNECT MODE TO YES
9

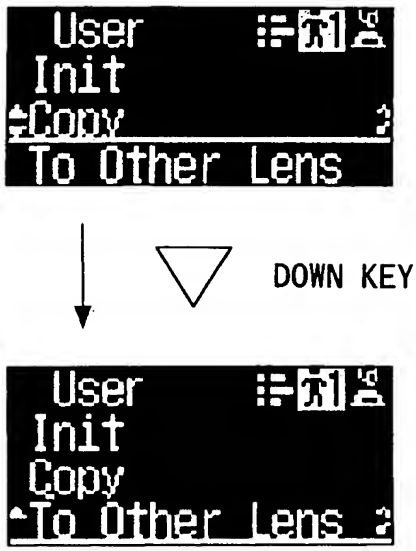


FIG.31

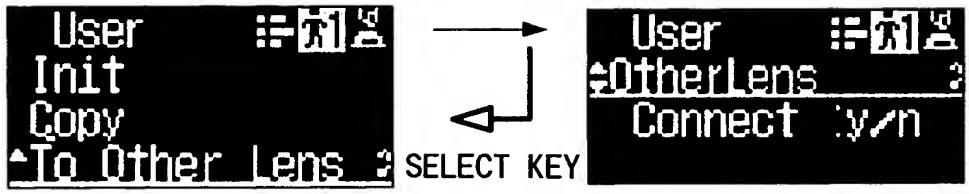


FIG.32

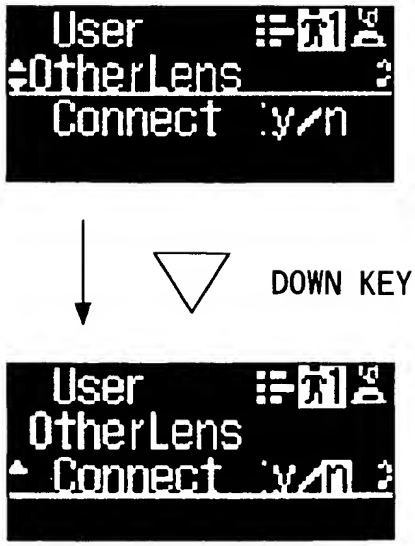


FIG.33

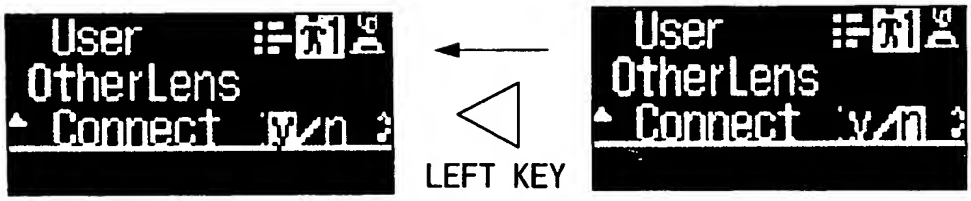

User
OtherLens
Connect
LEFT KEY

FIG.34

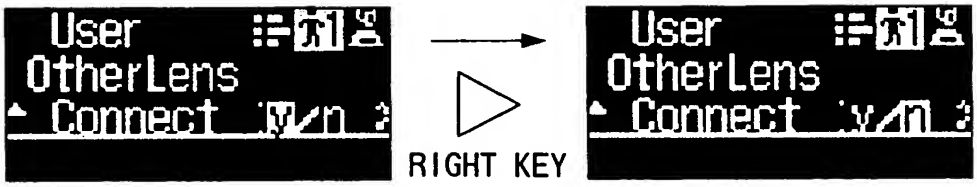

User
OtherLens
Connect
RIGHT KEY

FIG.35

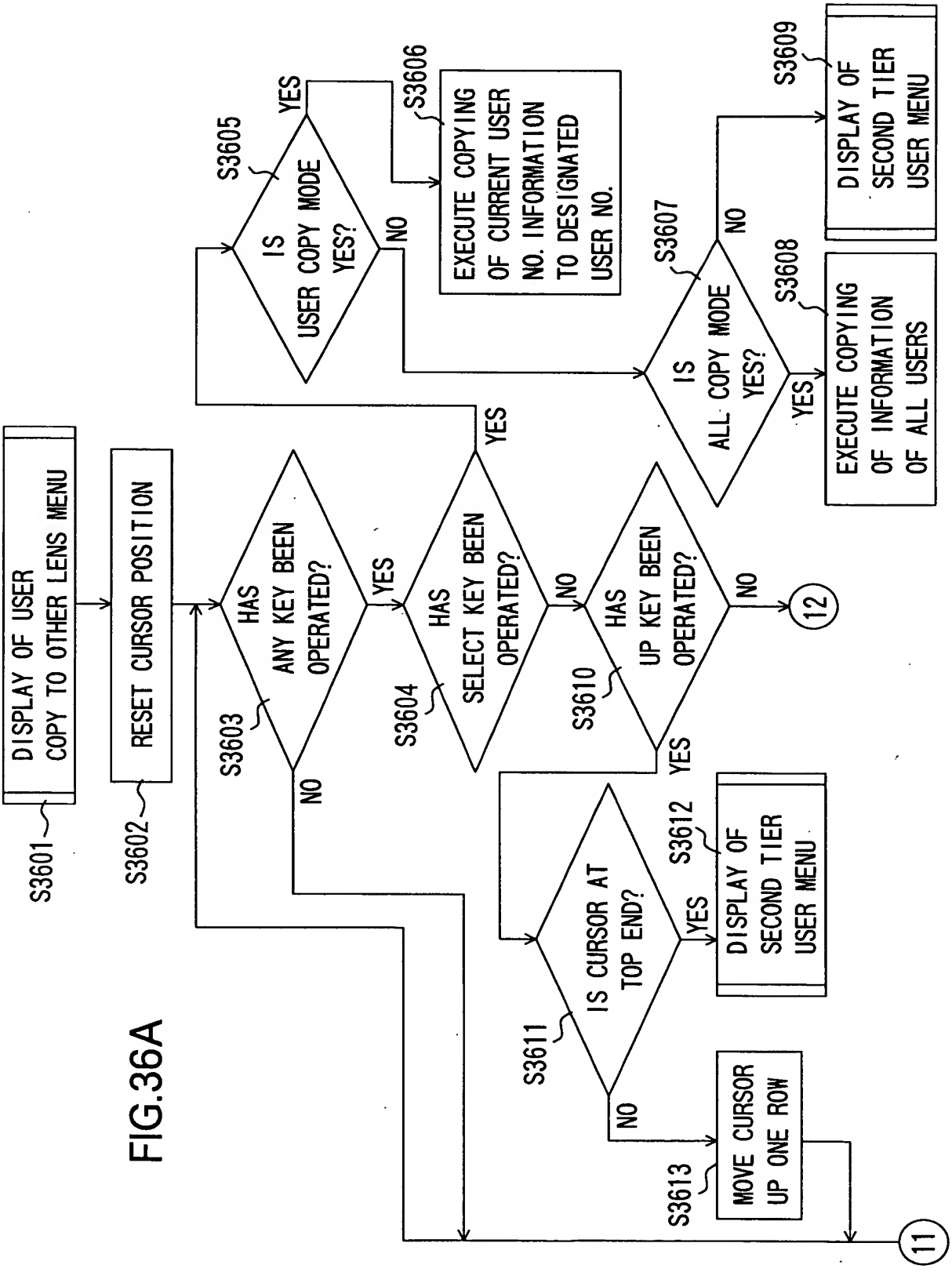
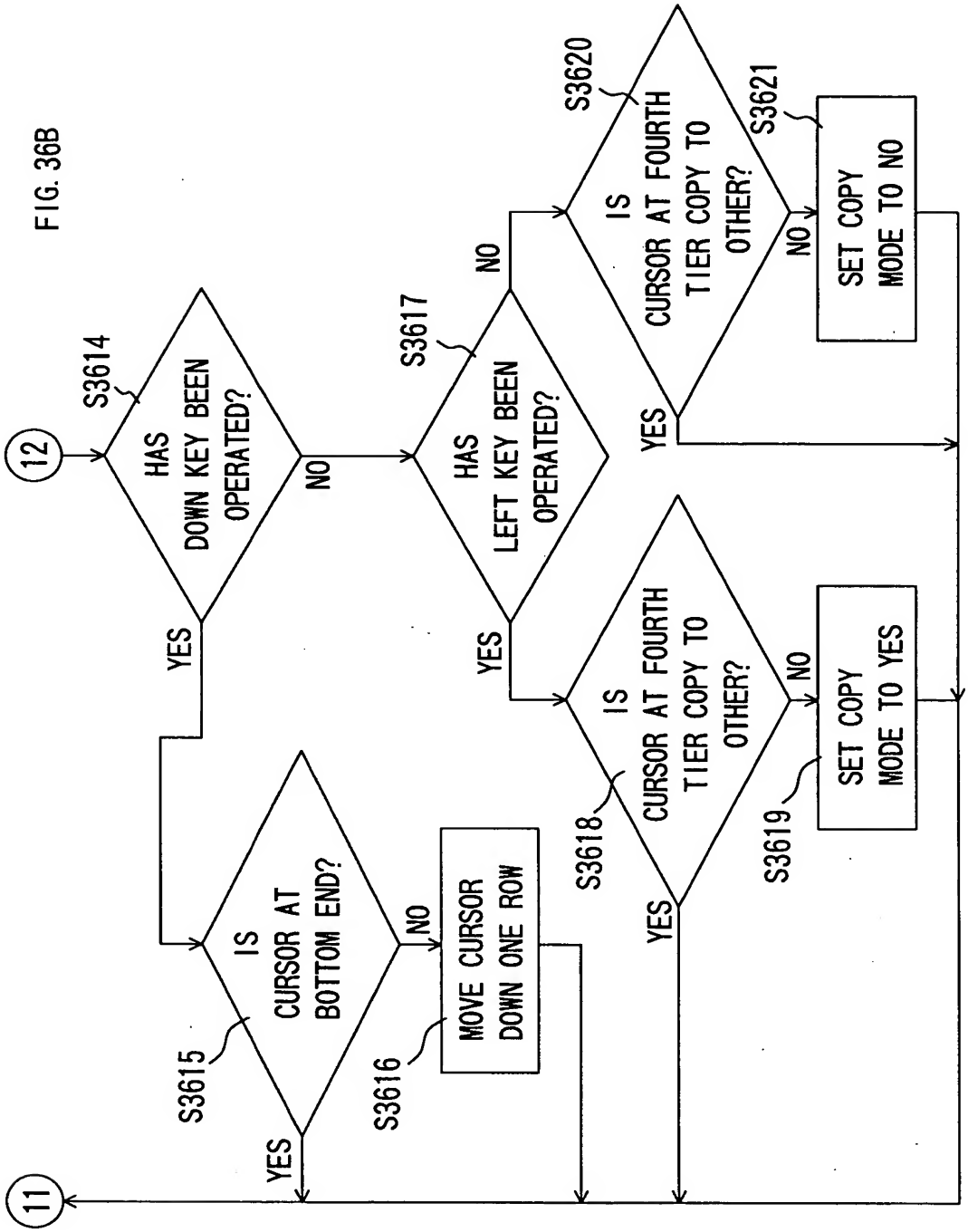

S3601
DISPLAY OF USER COPY TO OTHER LENS MENU
S3602
RESET CURSOR POSITION
S3603
HAS ANY KEY BEEN OPERATED?
YES
NO
S3604
HAS SELECT KEY BEEN OPERATED?
YES
NO
S3610
HAS UP KEY BEEN OPERATED?
YES
NO
12
S3605
IS USER COPY MODE YES?
YES
NO
S3606
EXECUTE COPYING OF CURRENT USER NO. INFORMATION TO DESIGNATED USER NO.
S3607
IS ALL COPY MODE YES?
YES
NO
S3608
EXECUTE COPYING OF INFORMATION OF ALL USERS
S3609
DISPLAY OF SECOND TIER USER MENU
S3611
IS CURSOR AT TOP END?
YES
NO
S3612
DISPLAY OF SECOND TIER USER MENU
S3613
MOVE CURSOR UP ONE ROW
11

FIG.36A

FIG. 36B


12
S3614
HAS DOWN KEY BEEN OPERATED?
NO
S3617
HAS LEFT KEY BEEN OPERATED?
NO
S3620
IS CURSOR AT FOURTH TIER COPY TO OTHER?
NO
S3621
SET COPY MODE TO NO
YES
YES
YES
S3615
IS CURSOR AT BOTTOM END?
NO
S3616
MOVE CURSOR DOWN ONE ROW
S3618
IS CURSOR AT FOURTH TIER COPY TO OTHER?
NO
S3619
SET COPY MODE TO YES
YES
11

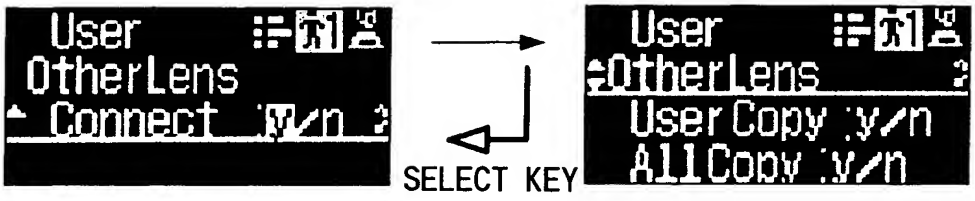


FIG.37

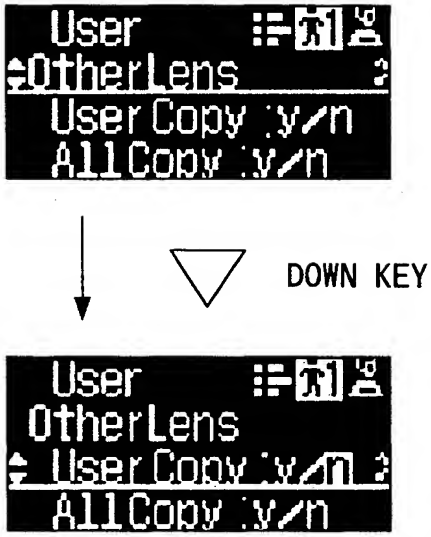


FIG.38

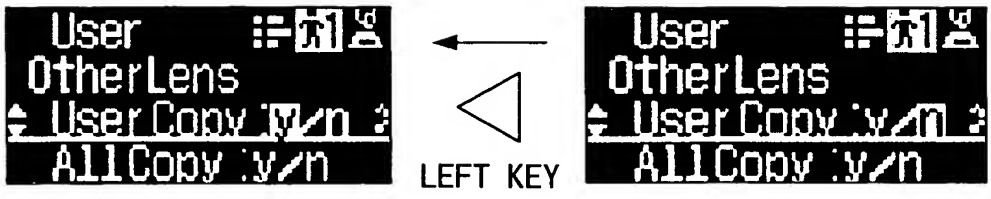


FIG.39

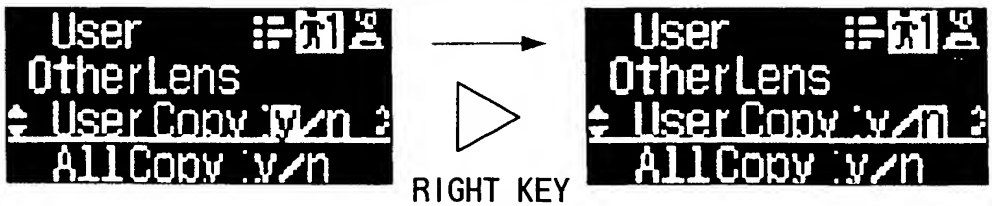


FIG.40

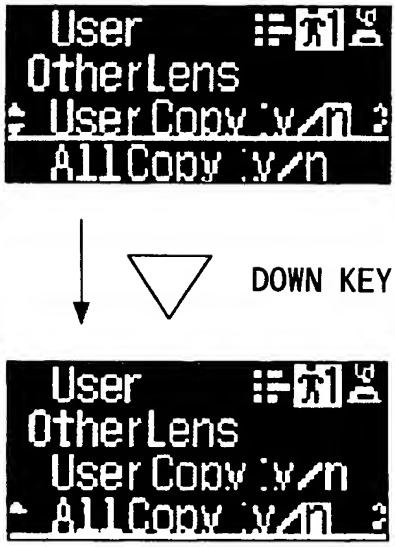


FIG.41

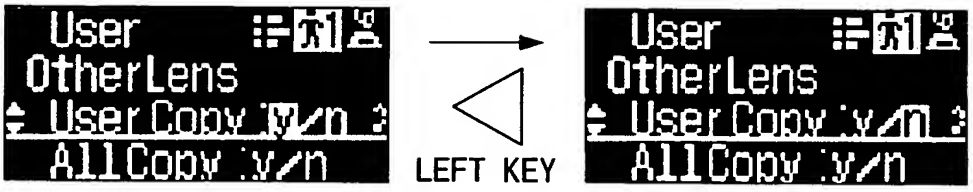


FIG.42

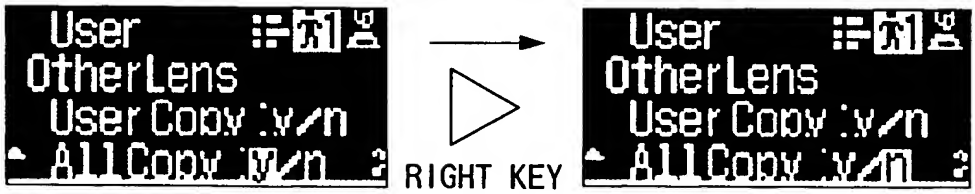


FIG.43

FIG.44A

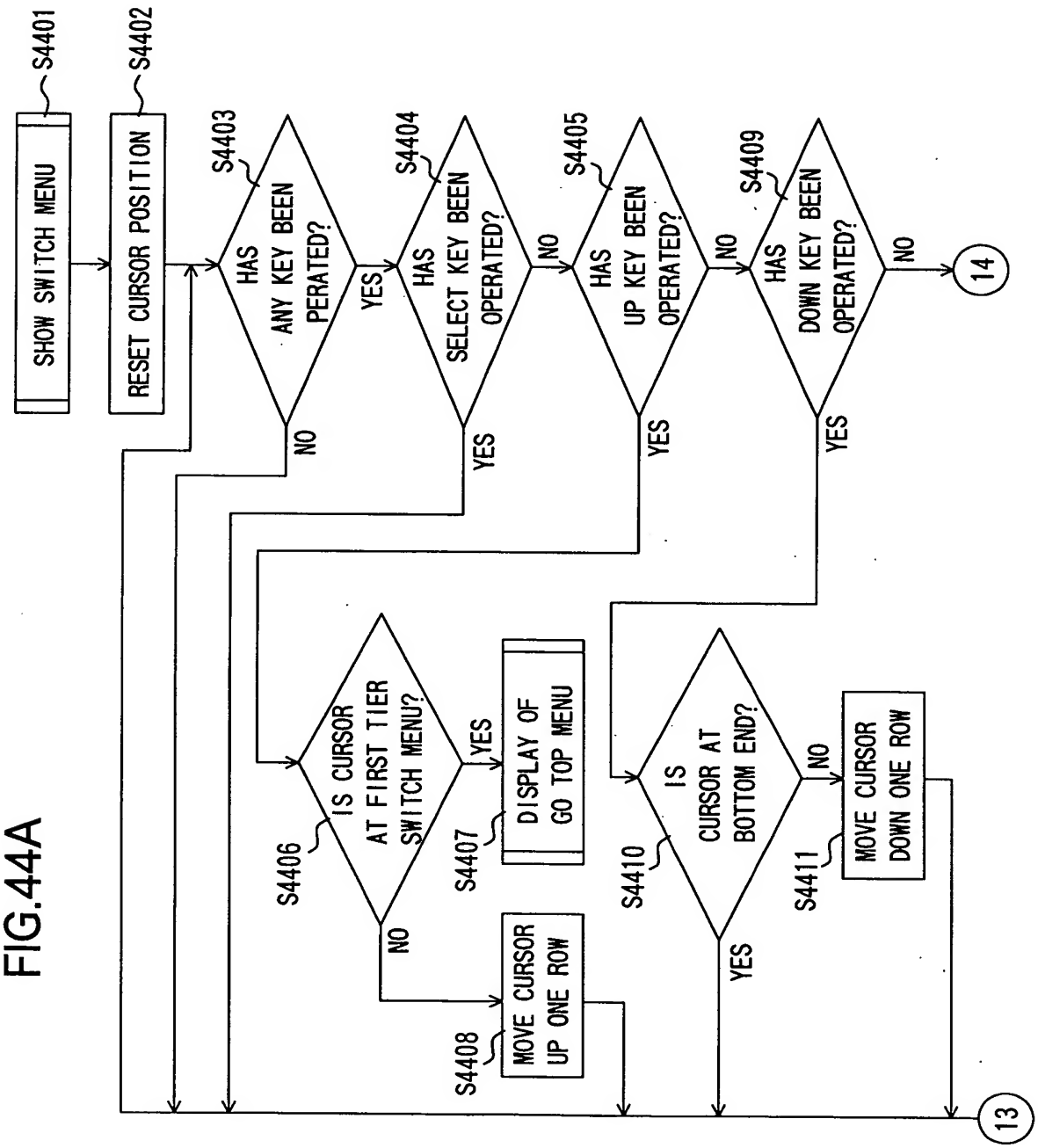
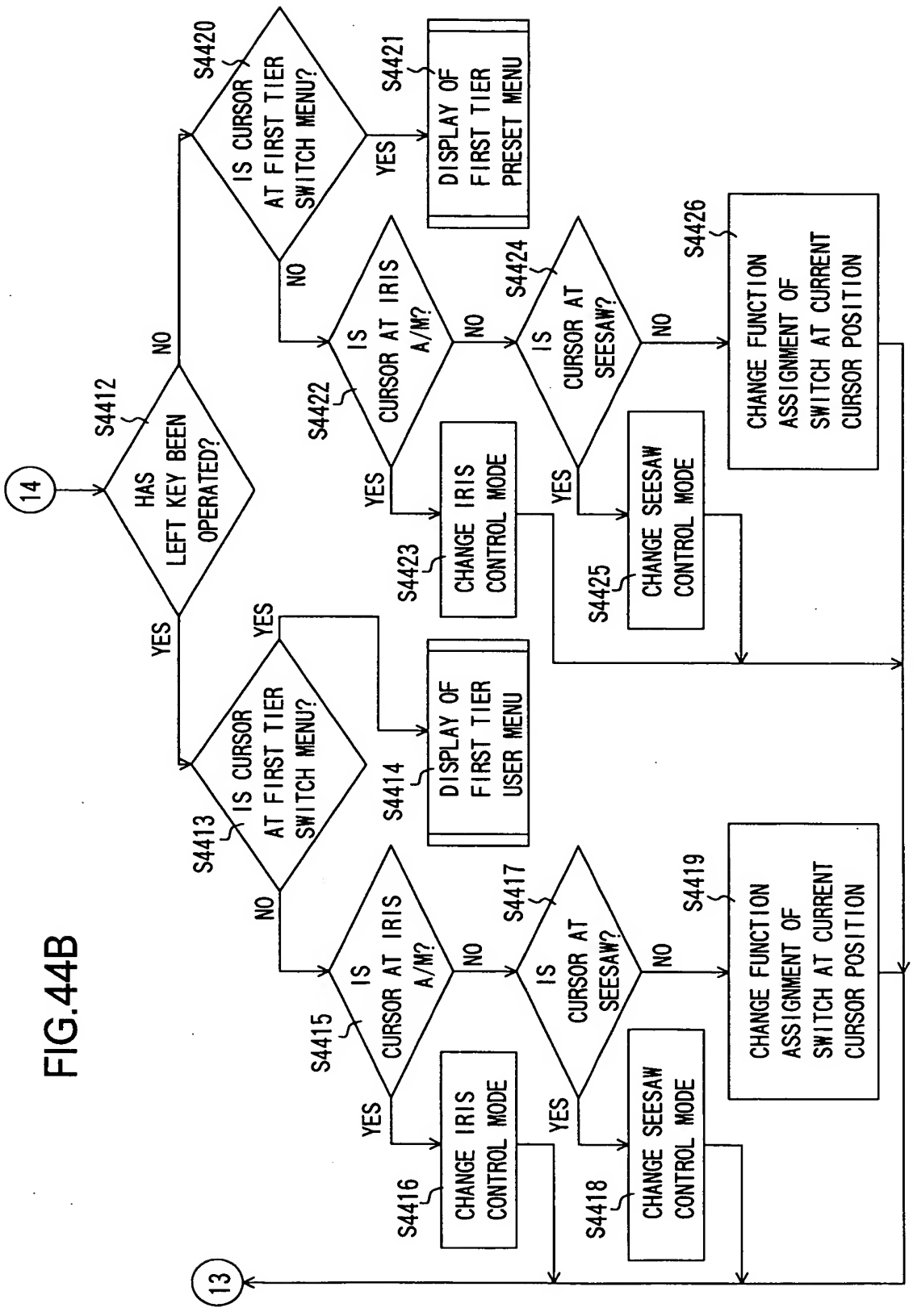

S4401
SHOW SWITCH MENU
S4402
RESET CURSOR POSITION
S4403
HAS ANY KEY BEEN PERATED?
YES
NO
S4404
HAS SELECT KEY BEEN OPERATED?
YES
NO
S4405
HAS UP KEY BEEN OPERATED?
YES
NO
S4409
HAS DOWN KEY BEEN OPERATED?
YES
NO
14
S4406
IS CURSOR AT FIRST TIER SWITCH MENU?
YES
NO
S4407
DISPLAY OF GO TOP MENU
S4408
MOVE CURSOR UP ONE ROW
S4410
IS CURSOR AT BOTTOM END?
YES
NO
S4411
MOVE CURSOR DOWN ONE ROW
13

FIG.44B


14
S4412
HAS LEFT KEY BEEN OPERATED?
NO
YES
S4420
IS CURSOR AT FIRST TIER SWITCH MENU?
YES
S4421
DISPLAY OF FIRST TIER PRESET MENU
NO
S4422
IS CURSOR AT IRIS A/M?
YES
S4423
CHANGE IRIS CONTROL MODE
NO
S4424
IS CURSOR AT SEESAW?
YES
S4425
CHANGE SEESAW CONTROL MODE
NO
S4426
CHANGE FUNCTION ASSIGNMENT OF SWITCH AT CURRENT CURSOR POSITION
S4413
IS CURSOR AT FIRST TIER SWITCH MENU?
YES
S4414
DISPLAY OF FIRST TIER USER MENU
NO
S4415
IS CURSOR AT IRIS A/M?
YES
S4416
CHANGE IRIS CONTROL MODE
NO
S4417
IS CURSOR AT SEESAW?
YES
S4418
CHANGE SEESAW CONTROL MODE
NO
S4419
CHANGE FUNCTION ASSIGNMENT OF SWITCH AT CURRENT CURSOR POSITION
13

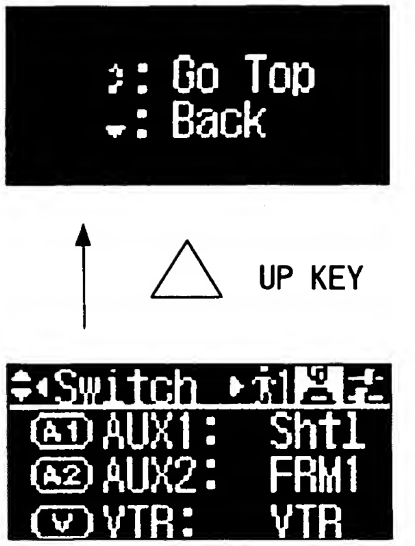

: Go Top
: Back
UP KEY
Switch
A1 AUX1: Sht1
A2 AUX2: FRM1
V VTR: VTR

FIG.45

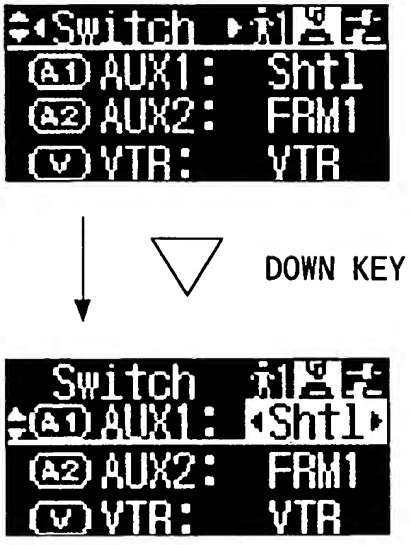

Switch
A1 AUX1: Sht1
A2 AUX2: FRM1
V VTR: VTR
DOWN KEY
Switch
A1 AUX1: Sht1
A2 AUX2: FRM1
V VTR: VTR

FIG.46

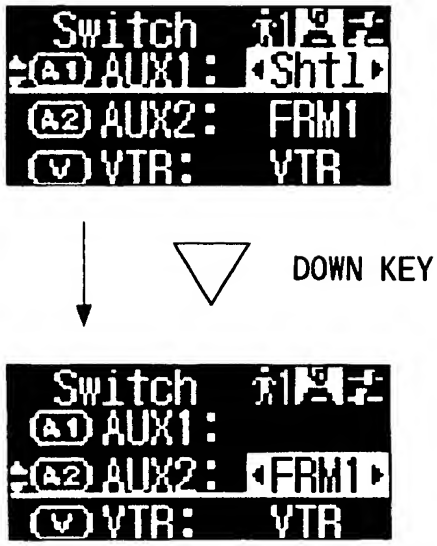

Switch
A1 AUX1: Sht1
A2 AUX2: FRM1
V VTR: VTR
DOWN KEY
Switch
A1 AUX1:
A2 AUX2: FRM1
V VTR: VTR

FIG.47

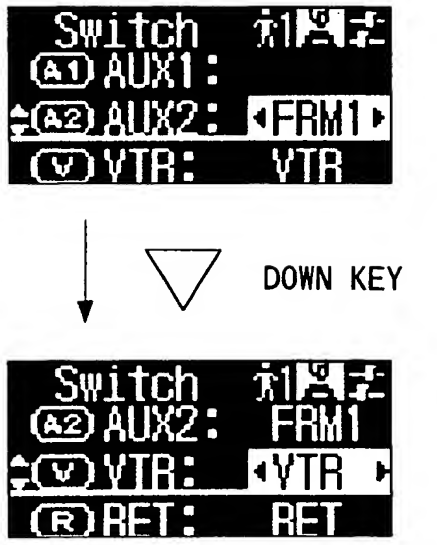

Switch
A1 AUX1:
A2 AUX2: FRM1
V VTR: VTR
DOWN KEY
Switch
A2 AUX2: FRM1
V VTR: VTR
R RET: RET

FIG.48

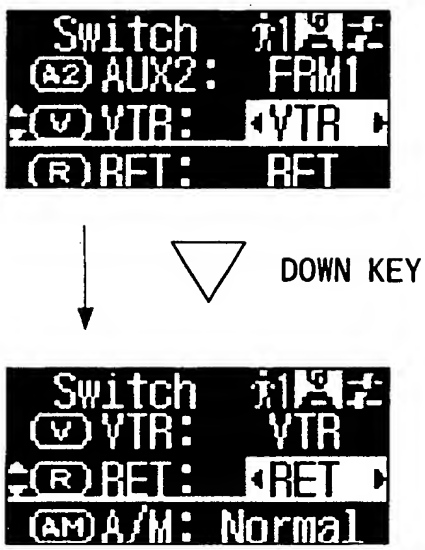

Switch
A2 AUX2: FRM1
V VTR: VTR
R RET: RET
DOWN KEY
Switch
V VTR: VTR
R RET: RET
AM A/M: Normal

FIG.49

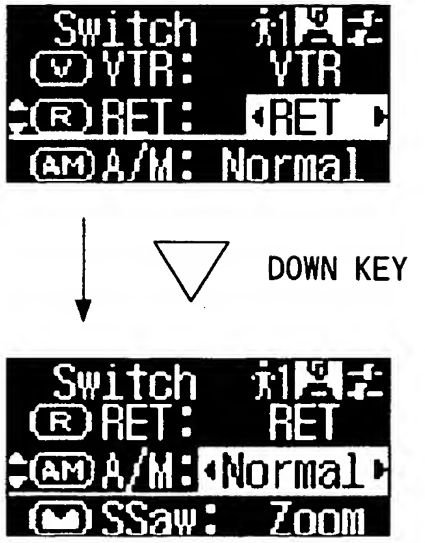

Switch
V VTR: VTR
R RET: RET
AM A/M: Normal
DOWN KEY
Switch
R RET: RET
AM A/M: Normal
SSaw: Zoom

FIG.50

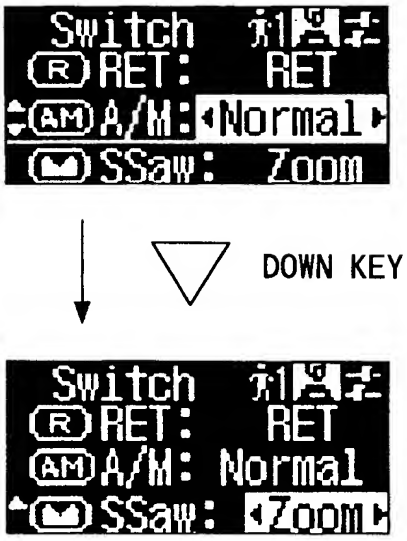

Switch
RET: RET
A/M: Normal
SSaw: Zoom
DOWN KEY
Switch
RET: RET
A/M: Normal
SSaw: Zoom

FIG.51

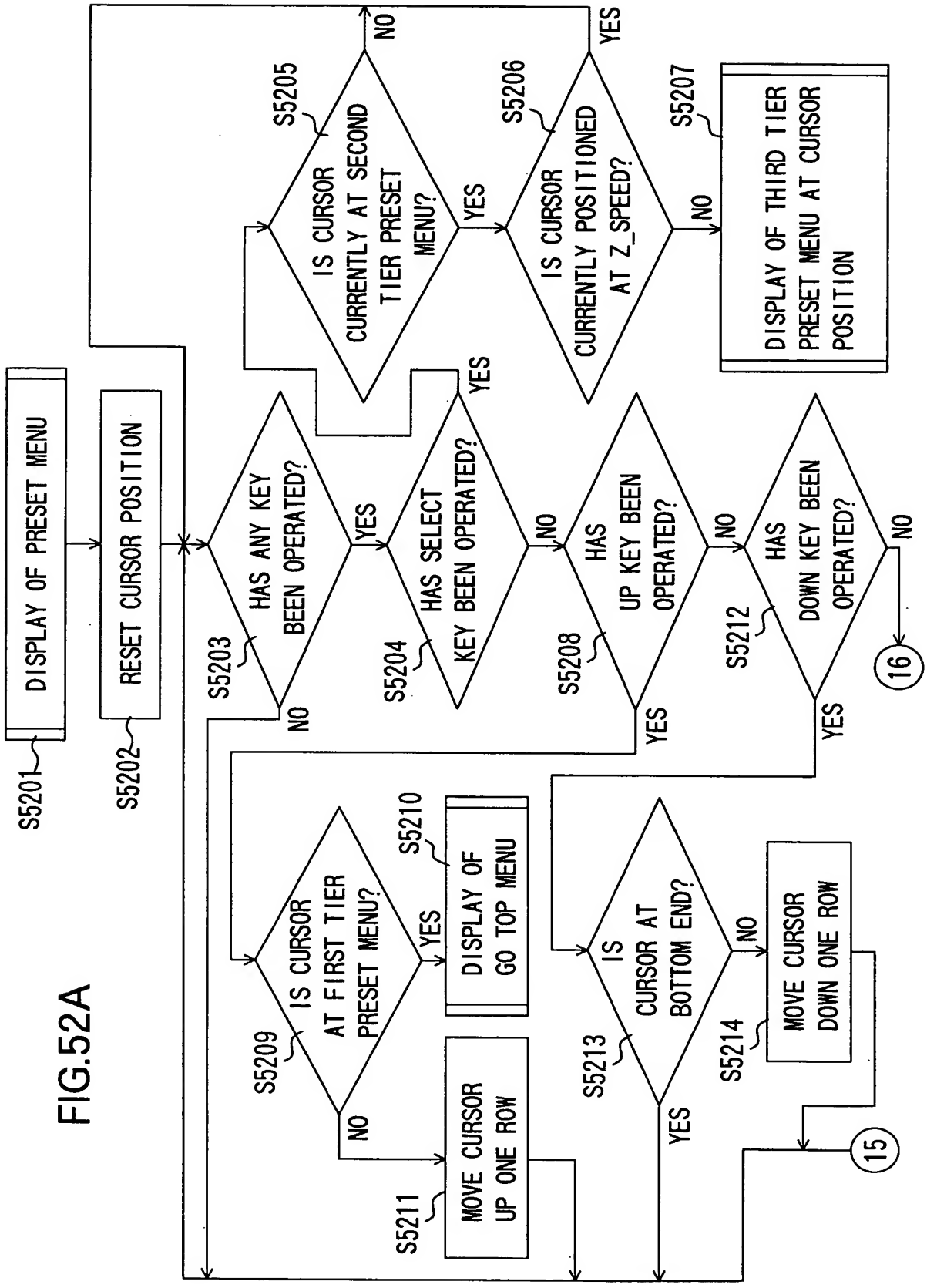
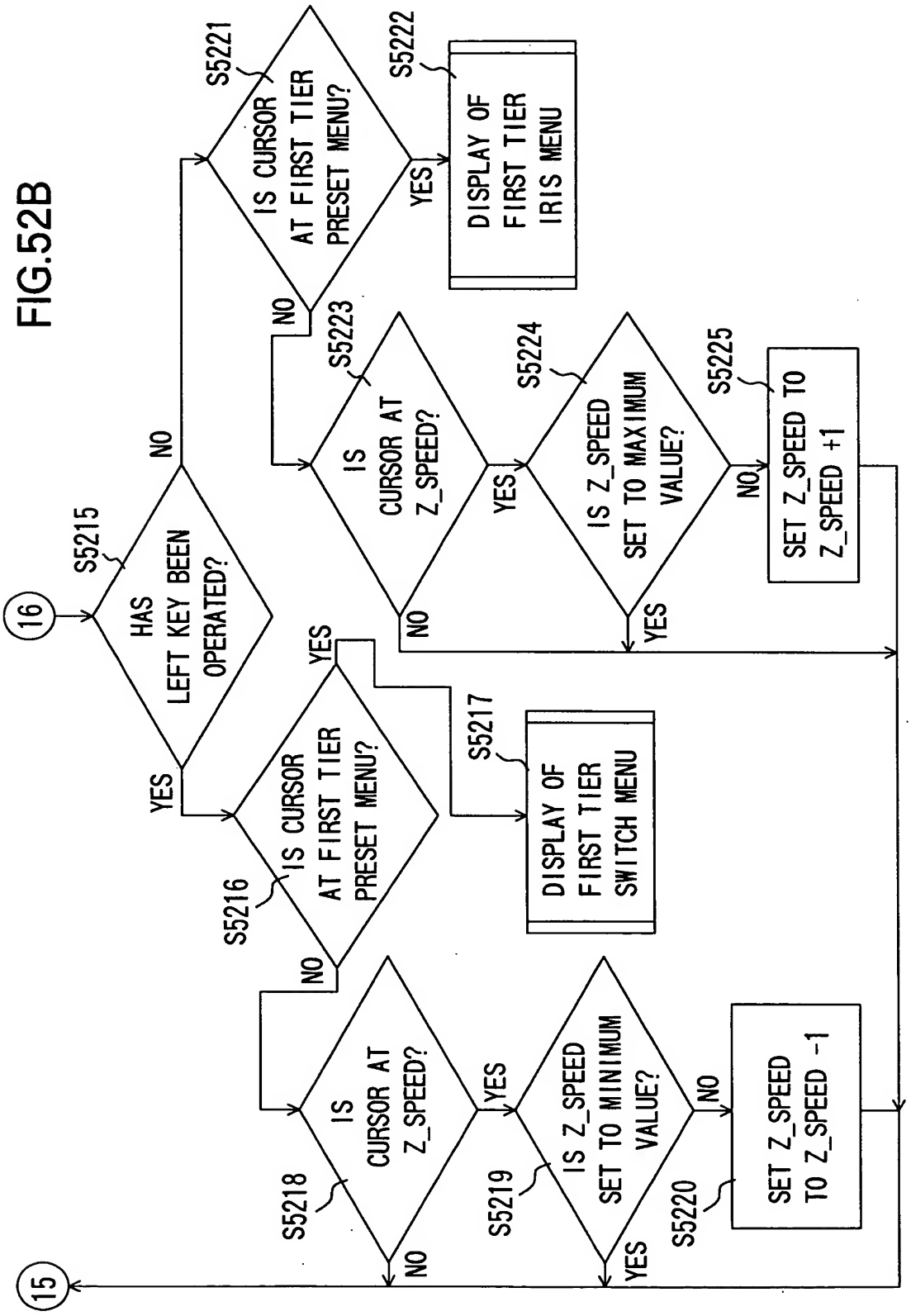

S5201
DISPLAY OF PRESET MENU
S5202
RESET CURSOR POSITION
S5203
HAS ANY KEY BEEN OPERATED?
YES
NO
S5204
HAS SELECT KEY BEEN OPERATED?
YES
NO
S5205
IS CURSOR CURRENTLY AT SECOND TIER PRESET MENU?
YES
NO
S5206
IS CURSOR CURRENTLY POSITIONED AT Z_SPEED?
YES
NO
S5207
DISPLAY OF THIRD TIER PRESET MENU AT CURSOR POSITION
S5208
HAS UP KEY BEEN OPERATED?
YES
NO
S5209
IS CURSOR AT FIRST TIER PRESET MENU?
YES
NO
S5210
DISPLAY OF GO TOP MENU
S5211
MOVE CURSOR UP ONE ROW
S5212
HAS DOWN KEY BEEN OPERATED?
YES
NO
S5213
IS CURSOR AT BOTTOM END?
YES
NO
S5214
MOVE CURSOR DOWN ONE ROW
15
16

FIG.52A

FIG.52B


16
S5215
HAS LEFT KEY BEEN OPERATED?
NO
YES
S5221
IS CURSOR AT FIRST TIER PRESET MENU?
YES
S5222
DISPLAY OF FIRST TIER IRIS MENU
NO
S5223
IS CURSOR AT Z_SPEED?
YES
S5224
IS Z_SPEED SET TO MAXIMUM VALUE?
NO
S5225
SET Z_SPEED TO Z_SPEED +1
YES
S5216
IS CURSOR AT FIRST TIER PRESET MENU?
YES
S5217
DISPLAY OF FIRST TIER SWITCH MENU
NO
S5218
IS CURSOR AT Z_SPEED?
YES
S5219
IS Z_SPEED SET TO MINIMUM VALUE?
NO
S5220
SET Z_SPEED TO Z_SPEED -1
NO
YES
15

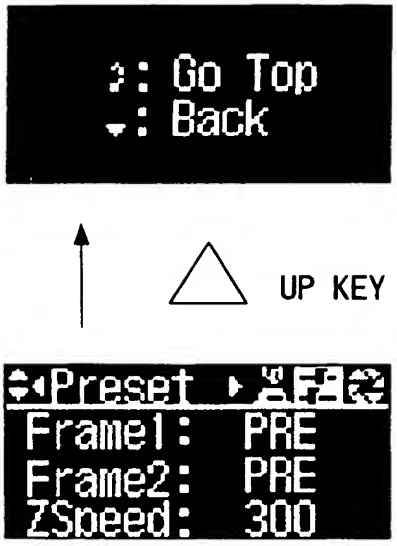


FIG.53

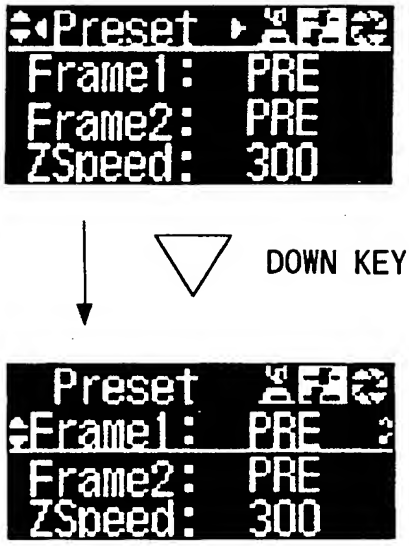


FIG.54

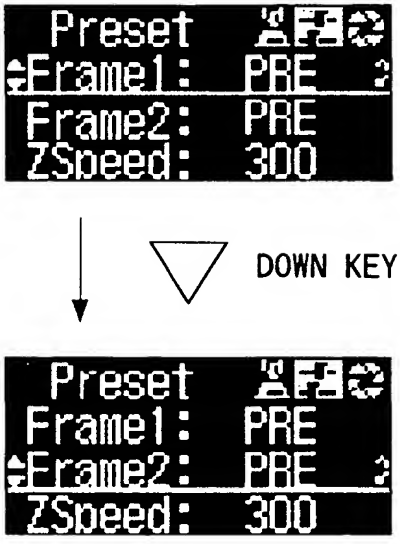


FIG.55

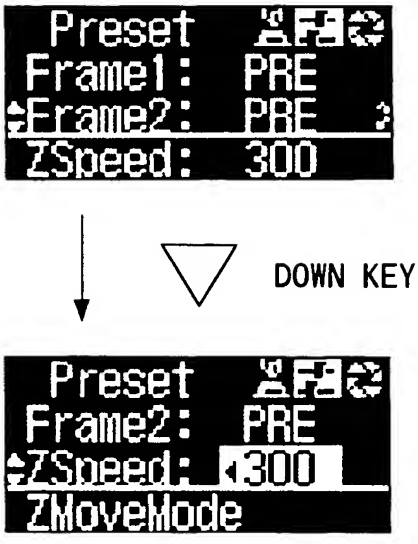


FIG.56

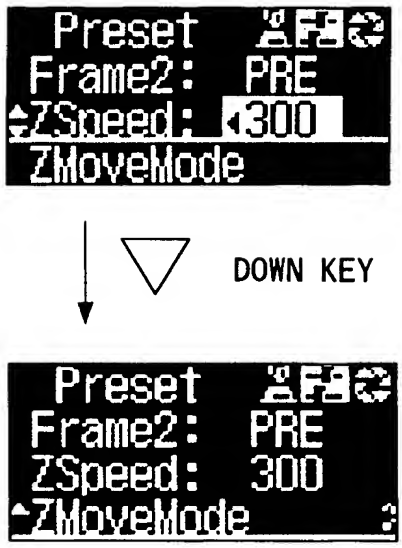

Preset
Frame2: PRE
ZSpeed: 300
ZMoveMode
DOWN KEY
Preset
Frame2: PRE
ZSpeed: 300
ZMoveMode

FIG.57

FIG.58A

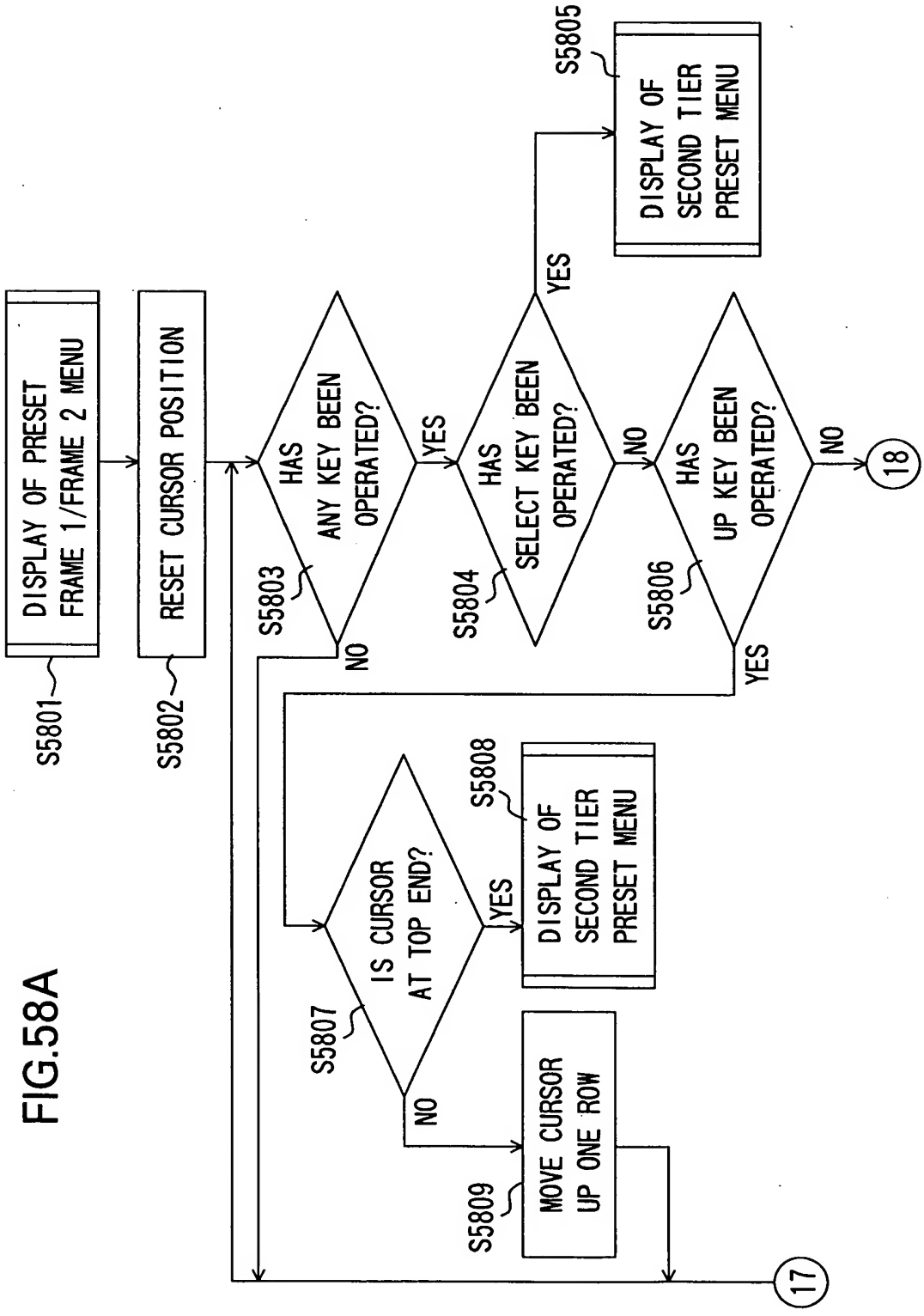
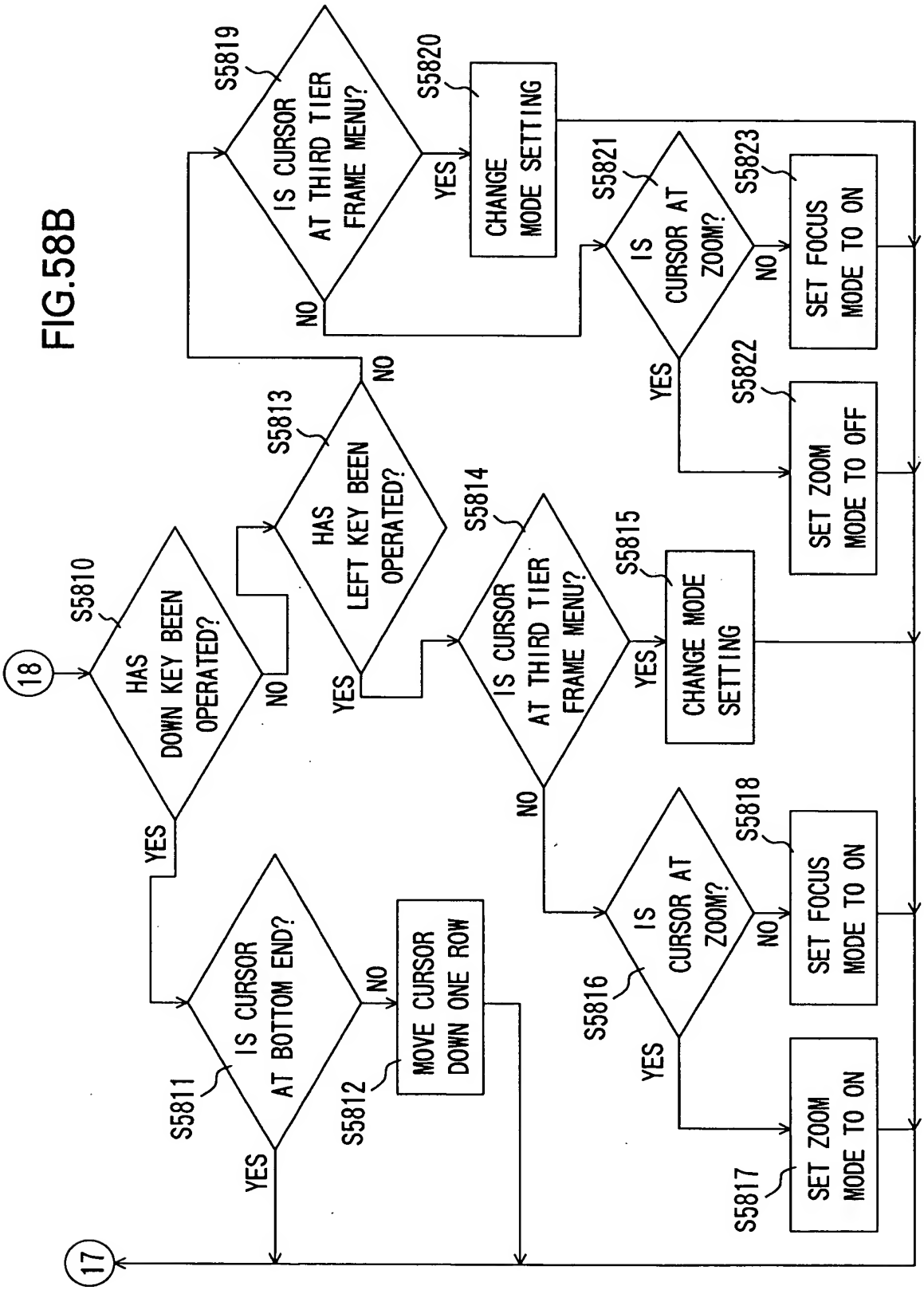

DISPLAY OF PRESET FRAME 1/FRAME 2 MENU
S5801
RESET CURSOR POSITION
S5802
HAS ANY KEY BEEN OPERATED?
S5803
YES
NO
HAS SELECT KEY BEEN OPERATED?
S5804
YES
DISPLAY OF SECOND TIER PRESET MENU
S5805
NO
HAS UP KEY BEEN OPERATED?
S5806
YES
NO
18
IS CURSOR AT TOP END?
S5807
YES
DISPLAY OF SECOND TIER PRESET MENU
S5808
NO
MOVE CURSOR UP ONE ROW
S5809
17

FIG.58B


18
S5810
HAS DOWN KEY BEEN OPERATED?
NO
YES
S5811
IS CURSOR AT BOTTOM END?
NO
S5812
MOVE CURSOR DOWN ONE ROW
YES
17
S5813
HAS LEFT KEY BEEN OPERATED?
NO
YES
S5814
IS CURSOR AT THIRD TIER FRAME MENU?
YES
S5815
CHANGE MODE SETTING
NO
S5816
IS CURSOR AT ZOOM?
NO
S5818
SET FOCUS MODE TO ON
YES
S5817
SET ZOOM MODE TO ON
S5819
IS CURSOR AT THIRD TIER FRAME MENU?
YES
S5820
CHANGE MODE SETTING
NO
S5821
IS CURSOR AT ZOOM?
NO
S5823
SET FOCUS MODE TO ON
YES
S5822
SET ZOOM MODE TO OFF

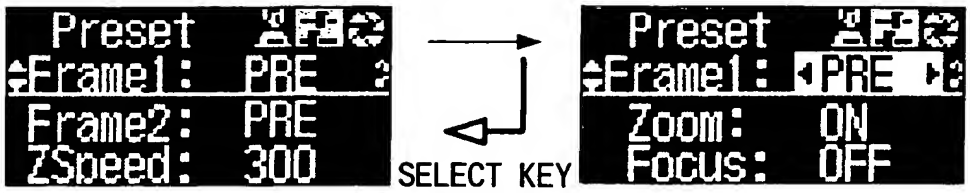


FIG.59

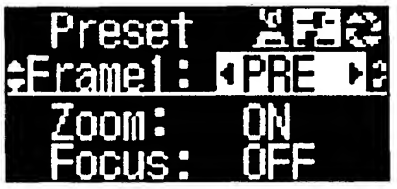


FIG.60

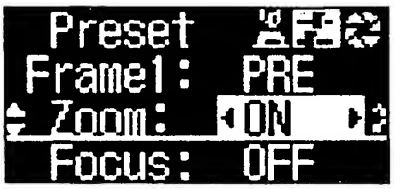


FIG.61

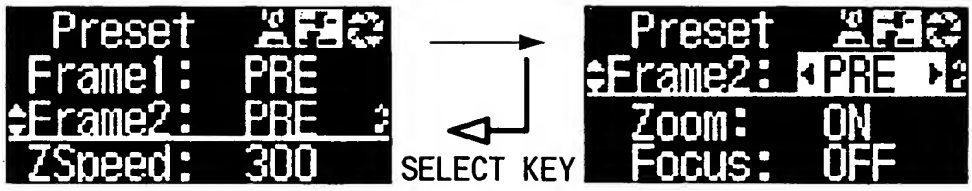


FIG.62

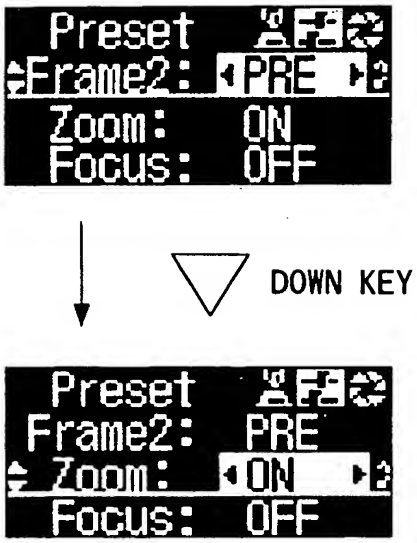

Preset
Frame2: PRE
Zoom: ON
Focus: OFF
DOWN KEY
Preset
Frame2: PRE
Zoom: ON
Focus: OFF

FIG.63

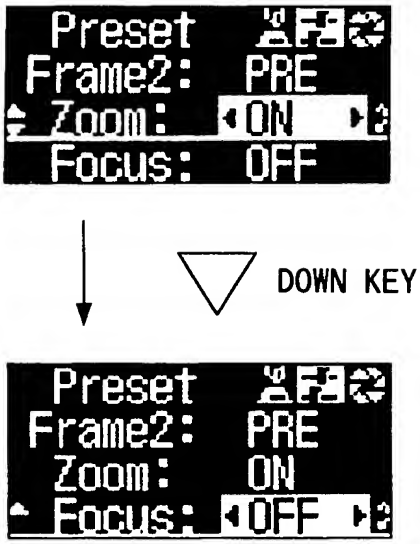

Preset
Frame2: PRE
Zoom: ON
Focus: OFF
DOWN KEY
Preset
Frame2: PRE
Zoom: ON
Focus: OFF

FIG.64

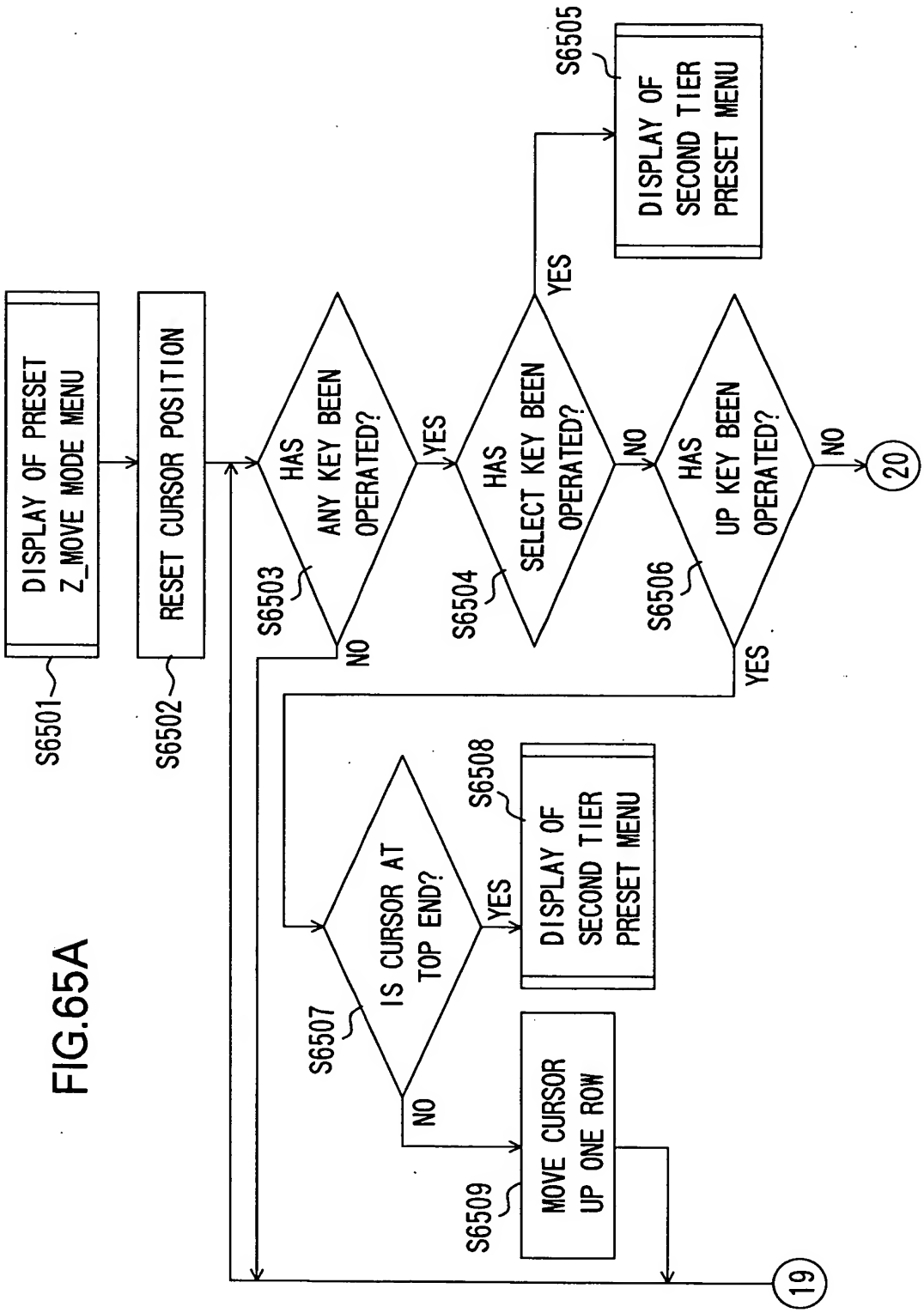
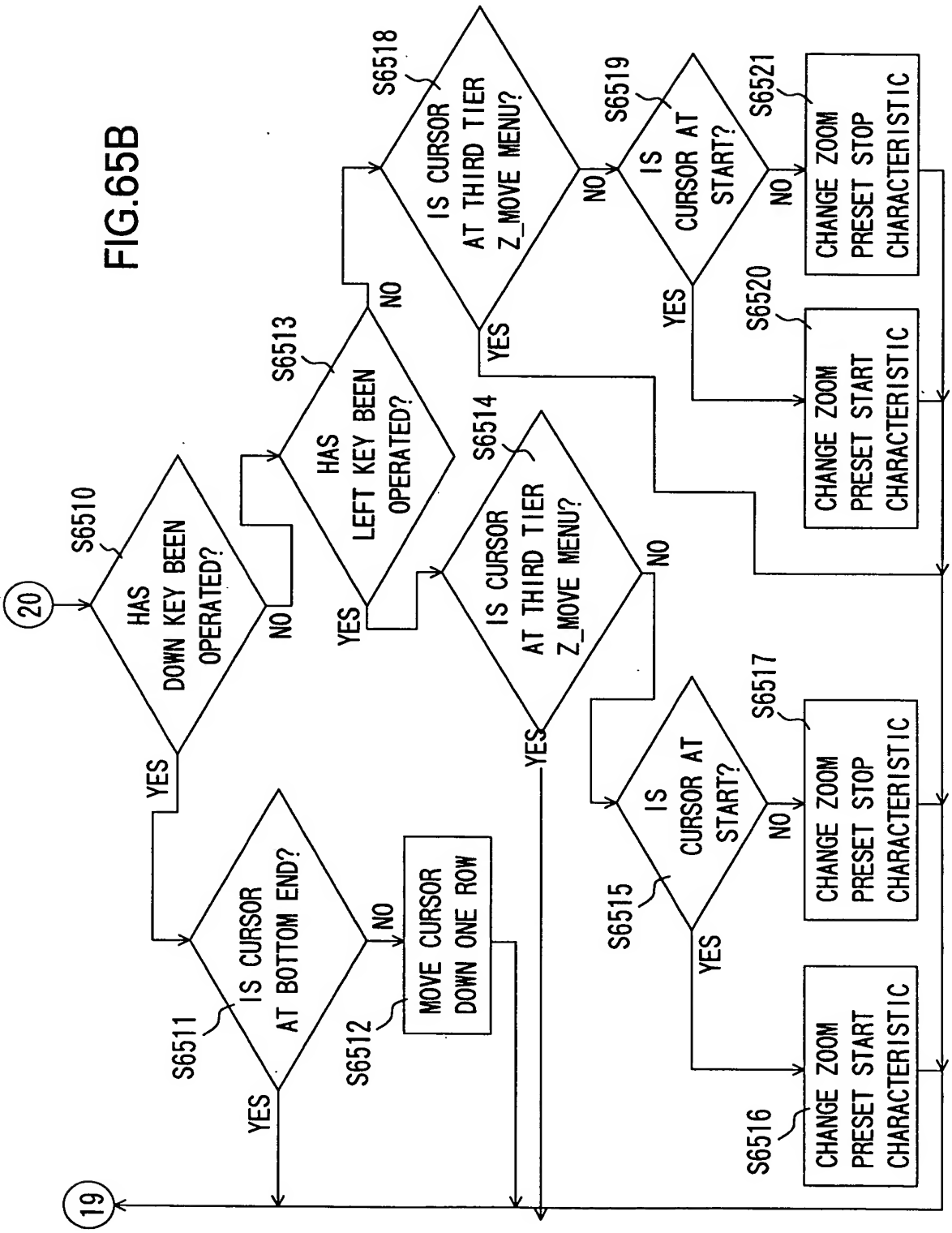

DISPLAY OF PRESET Z_MOVE MODE MENU
S6501
RESET CURSOR POSITION
S6502
HAS ANY KEY BEEN OPERATED?
S6503
YES
NO
HAS SELECT KEY BEEN OPERATED?
S6504
YES
DISPLAY OF SECOND TIER PRESET MENU
S6505
NO
HAS UP KEY BEEN OPERATED?
S6506
YES
NO
20
IS CURSOR AT TOP END?
S6507
YES
DISPLAY OF SECOND TIER PRESET MENU
S6508
NO
MOVE CURSOR UP ONE ROW
S6509
19

FIG.65A

FIG.65B


20
S6510
HAS DOWN KEY BEEN OPERATED?
NO
YES
S6511
IS CURSOR AT BOTTOM END?
NO
YES
S6512
MOVE CURSOR DOWN ONE ROW
19
S6513
HAS LEFT KEY BEEN OPERATED?
NO
YES
S6514
IS CURSOR AT THIRD TIER Z_MOVE MENU?
NO
YES
S6515
IS CURSOR AT START?
NO
YES
S6516
CHANGE ZOOM PRESET START CHARACTERISTIC
S6517
CHANGE ZOOM PRESET STOP CHARACTERISTIC
S6518
IS CURSOR AT THIRD TIER Z_MOVE MENU?
NO
YES
S6519
IS CURSOR AT START?
NO
YES
S6520
CHANGE ZOOM PRESET START CHARACTERISTIC
S6521
CHANGE ZOOM PRESET STOP CHARACTERISTIC

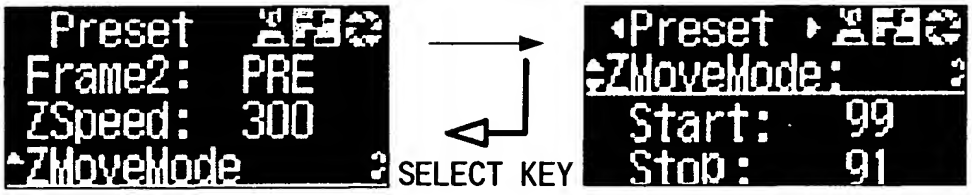


FIG.66

FIG.67

FIG.68

FIG.69A

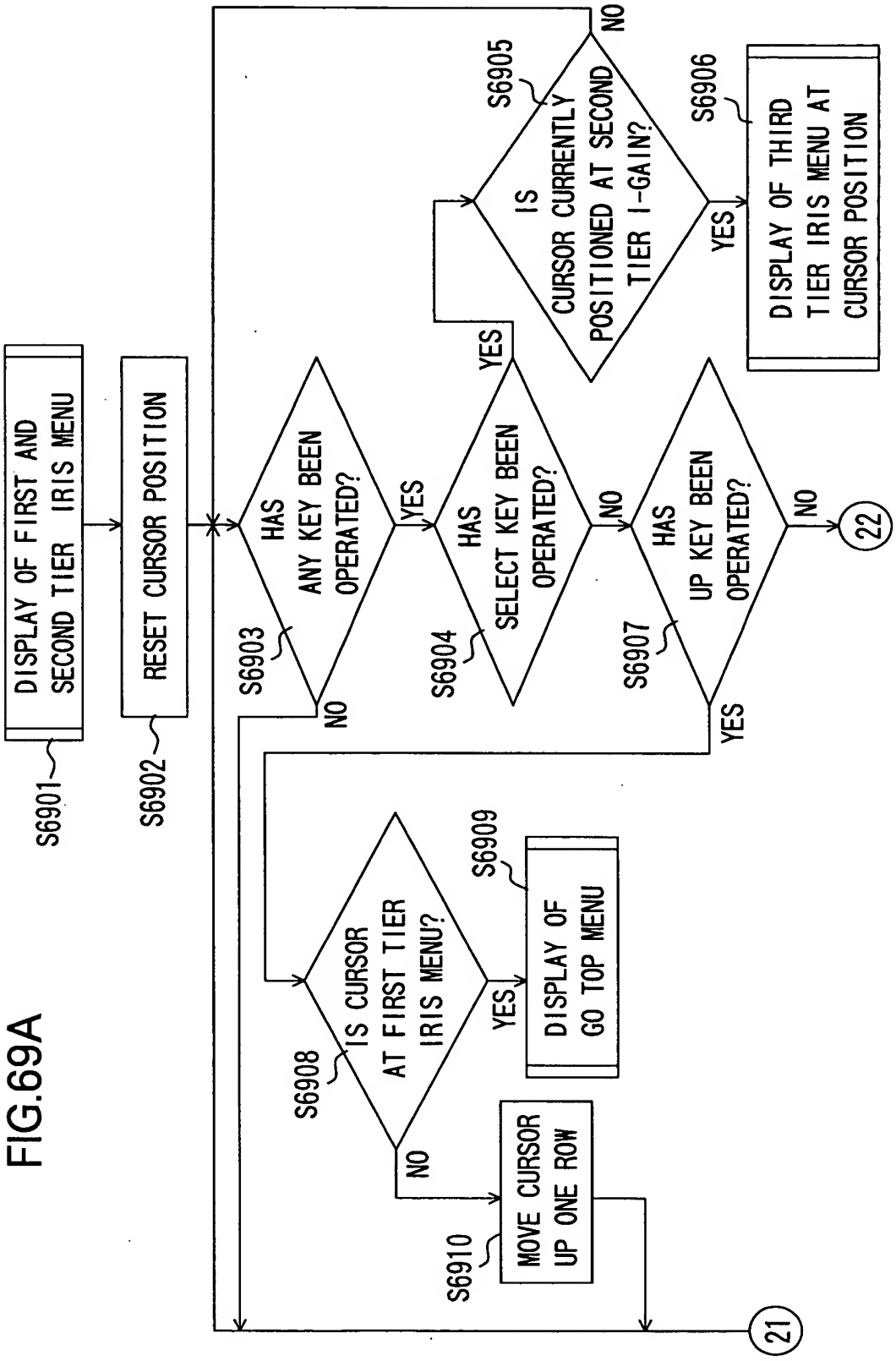
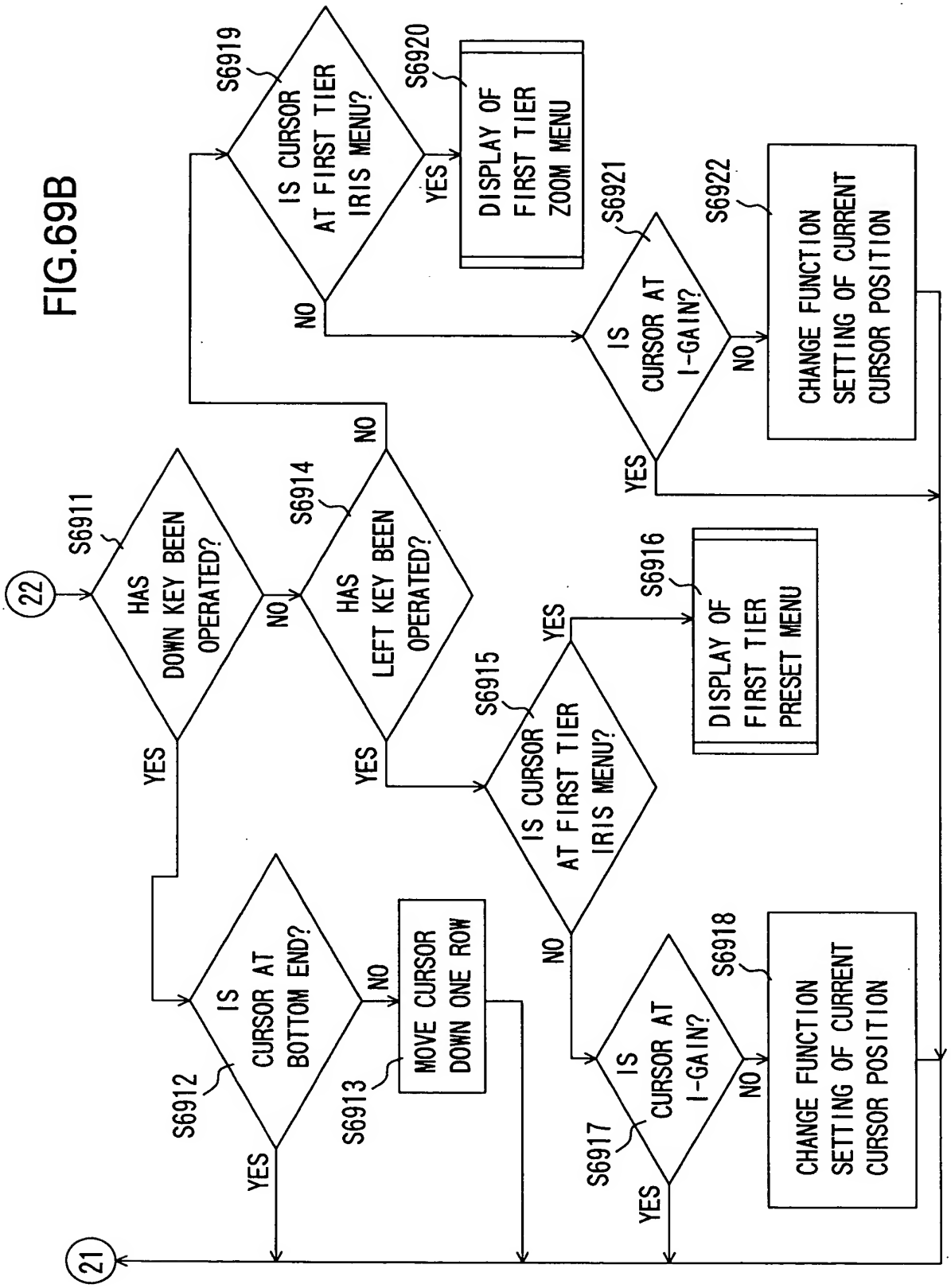

DISPLAY OF FIRST AND SECOND TIER IRIS MENU
S6901
RESET CURSOR POSITION
S6902
HAS ANY KEY BEEN OPERATED?
S6903
YES
NO
HAS SELECT KEY BEEN OPERATED?
S6904
YES
NO
IS CURSOR CURRENTLY POSITIONED AT SECOND TIER I-GAIN?
S6905
YES
NO
DISPLAY OF THIRD TIER IRIS MENU AT CURSOR POSITION
S6906
HAS UP KEY BEEN OPERATED?
S6907
YES
NO
IS CURSOR AT FIRST TIER IRIS MENU?
S6908
YES
NO
DISPLAY OF GO TOP MENU
S6909
MOVE CURSOR UP ONE ROW
S6910
21
22

FIG.69B


22
S6911
HAS DOWN KEY BEEN OPERATED?
NO
S6914
HAS LEFT KEY BEEN OPERATED?
NO
S6919
IS CURSOR AT FIRST TIER IRIS MENU?
NO
S6921
IS CURSOR AT I-GAIN?
NO
S6922
CHANGE FUNCTION SETTING OF CURRENT CURSOR POSITION
YES
S6920
DISPLAY OF FIRST TIER ZOOM MENU
YES
YES
S6915
IS CURSOR AT FIRST TIER IRIS MENU?
YES
S6916
DISPLAY OF FIRST TIER PRESET MENU
NO
S6917
IS CURSOR AT I-GAIN?
NO
S6918
CHANGE FUNCTION SETTING OF CURRENT CURSOR POSITION
YES
YES
S6912
IS CURSOR AT BOTTOM END?
NO
S6913
MOVE CURSOR DOWN ONE ROW
YES
21

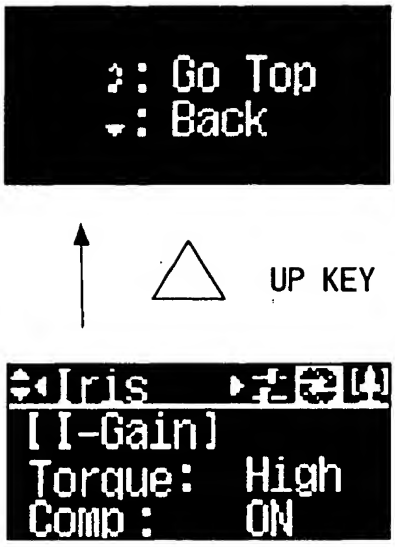


FIG.70

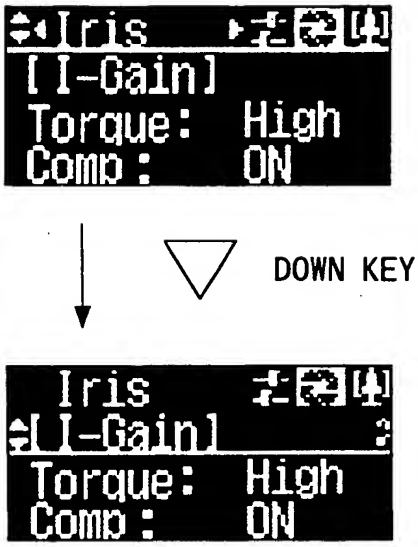


FIG.71

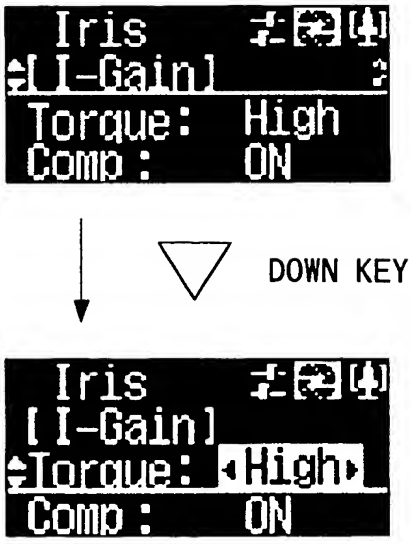


FIG.72

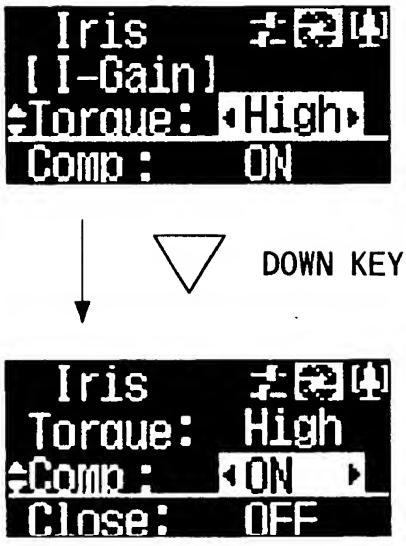


FIG.73

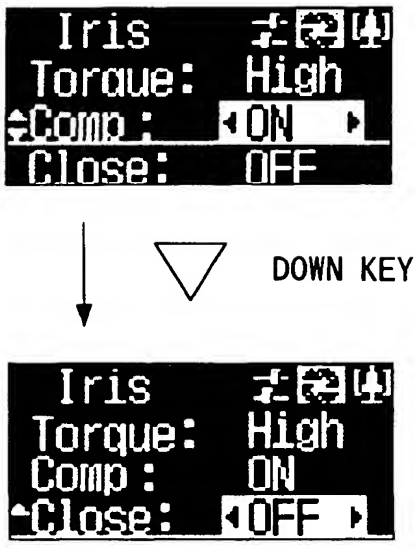

Iris
Torque: High
Comp : ON
Close: OFF
DOWN KEY
Iris
Torque: High
Comp : ON
Close: OFF

FIG.74

FIG.75A

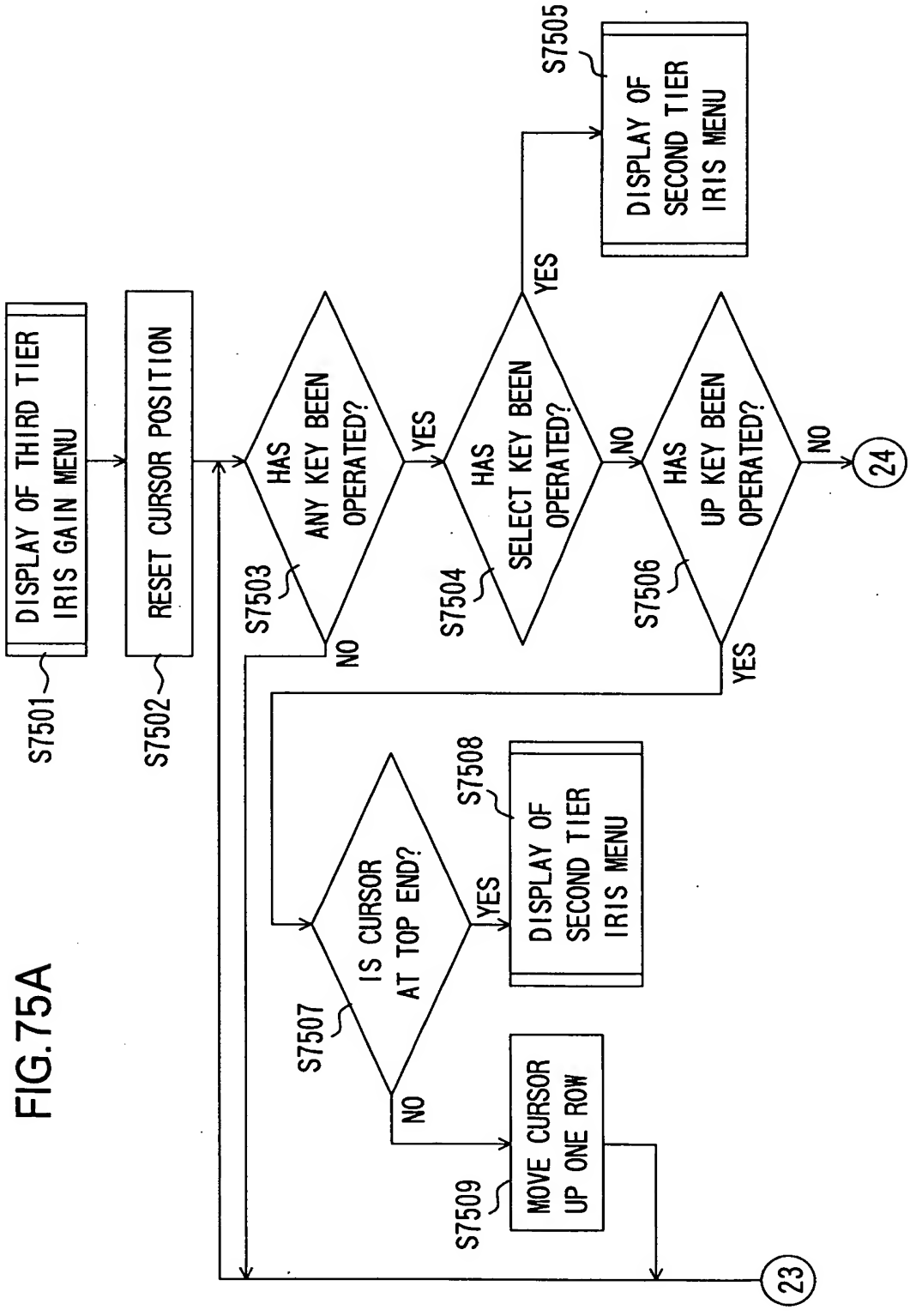
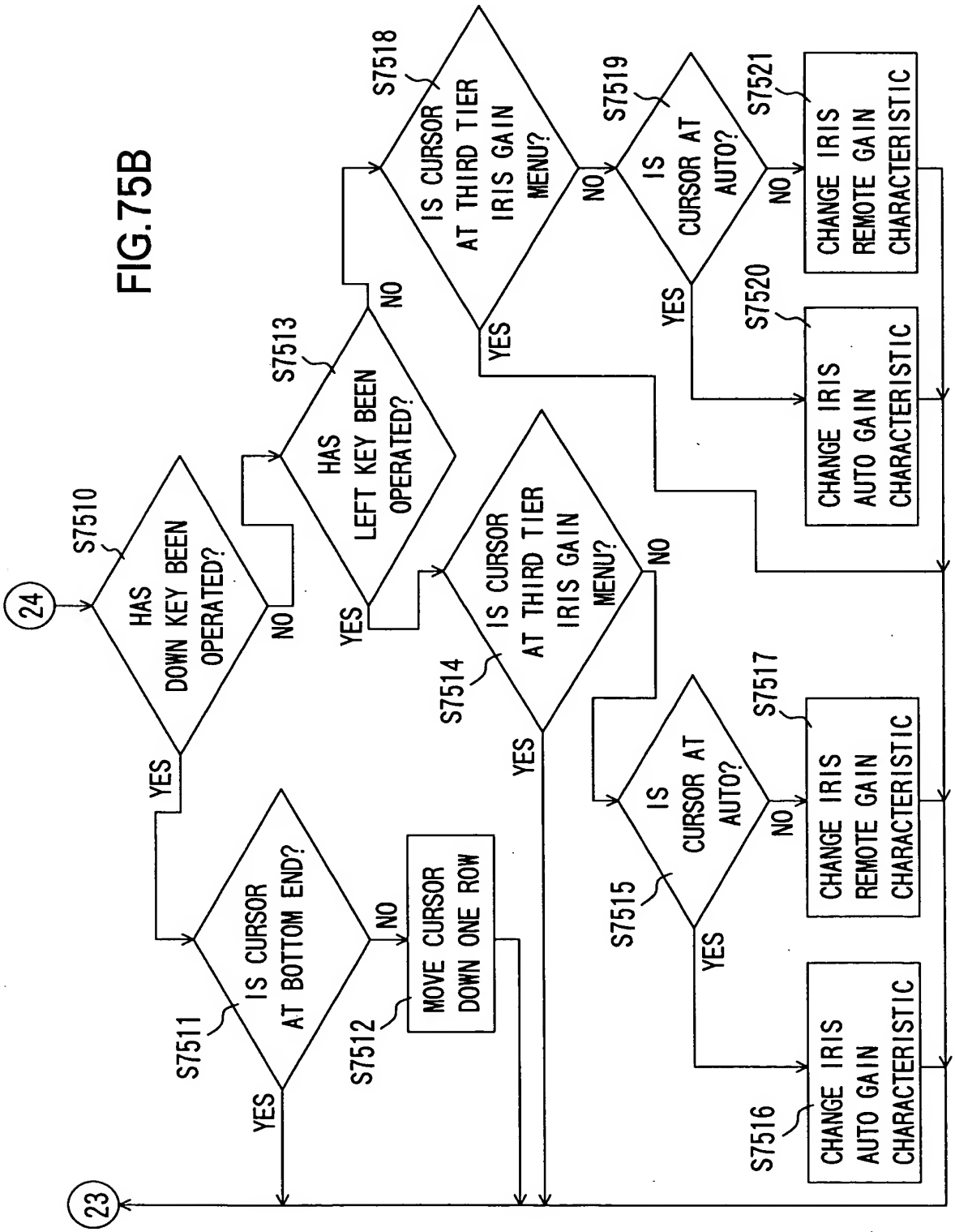

DISPLAY OF THIRD TIER IRIS GAIN MENU
S7501
RESET CURSOR POSITION
S7502
HAS ANY KEY BEEN OPERATED?
S7503
YES
NO
HAS SELECT KEY BEEN OPERATED?
S7504
YES
DISPLAY OF SECOND TIER IRIS MENU
S7505
NO
HAS UP KEY BEEN OPERATED?
S7506
YES
NO
24
IS CURSOR AT TOP END?
S7507
YES
DISPLAY OF SECOND TIER IRIS MENU
S7508
NO
MOVE CURSOR UP ONE ROW
S7509
23

FIG.75B


24
S7510
HAS DOWN KEY BEEN OPERATED?
NO
YES
S7511
IS CURSOR AT BOTTOM END?
NO
S7512
MOVE CURSOR DOWN ONE ROW
YES
S7513
HAS LEFT KEY BEEN OPERATED?
NO
YES
S7514
IS CURSOR AT THIRD TIER IRIS GAIN MENU?
NO
YES
S7515
IS CURSOR AT AUTO?
NO
YES
S7516
CHANGE IRIS AUTO GAIN CHARACTERISTIC
S7517
CHANGE IRIS REMOTE GAIN CHARACTERISTIC
S7518
IS CURSOR AT THIRD TIER IRIS GAIN MENU?
NO
YES
S7519
IS CURSOR AT AUTO?
NO
YES
S7520
CHANGE IRIS AUTO GAIN CHARACTERISTIC
S7521
CHANGE IRIS REMOTE GAIN CHARACTERISTIC
23

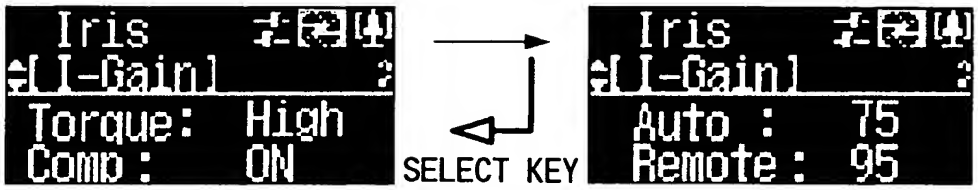
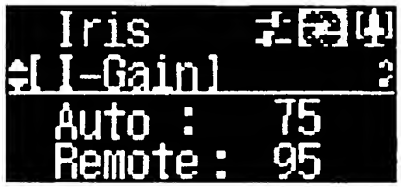


FIG.76



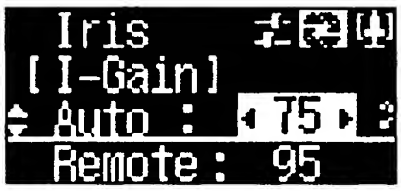
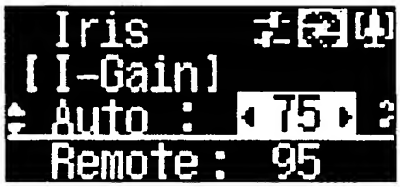


FIG.77



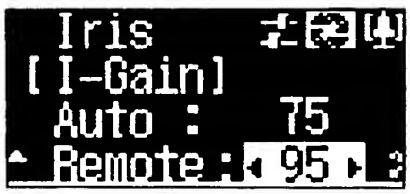


FIG.78

FIG.79A

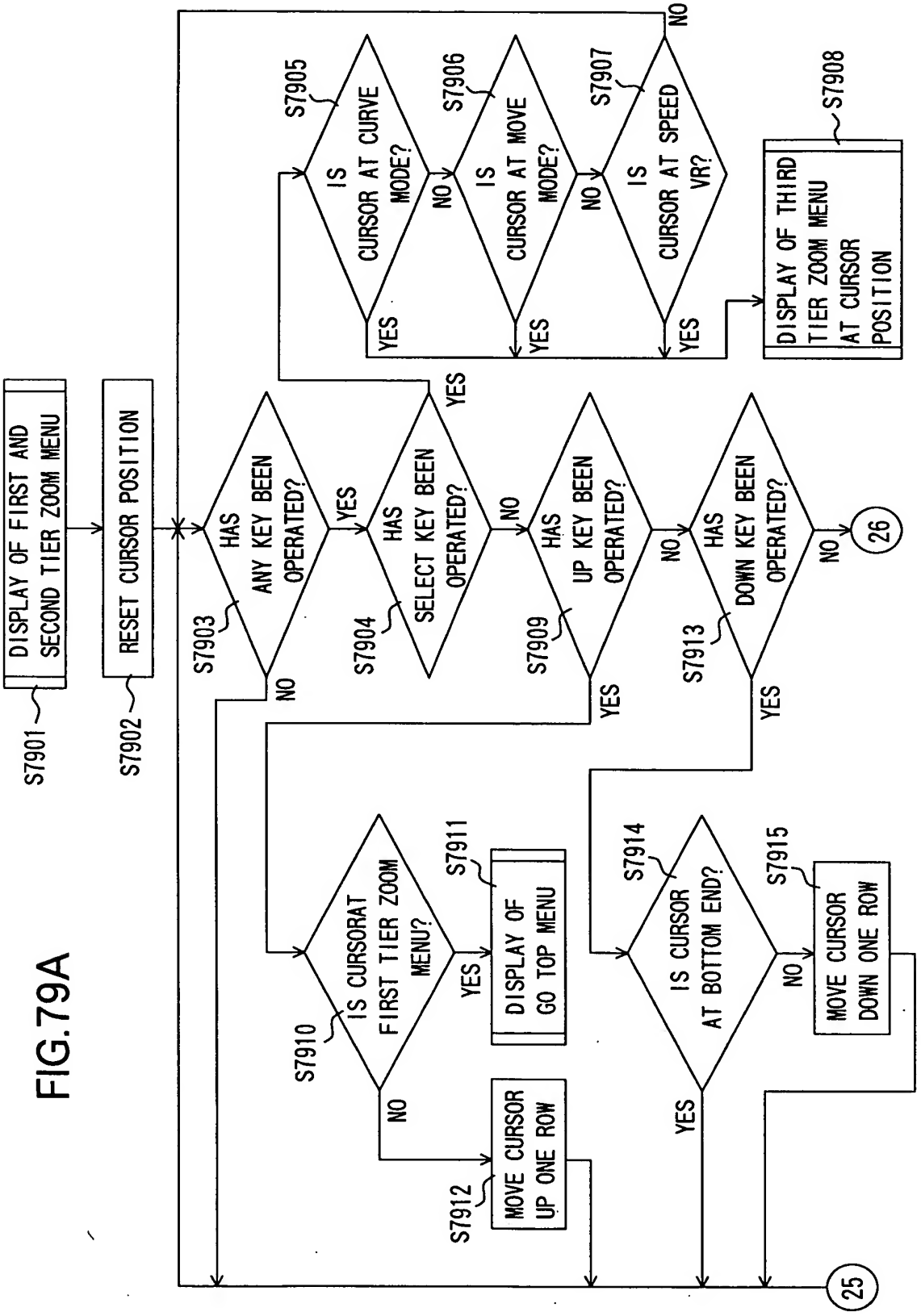
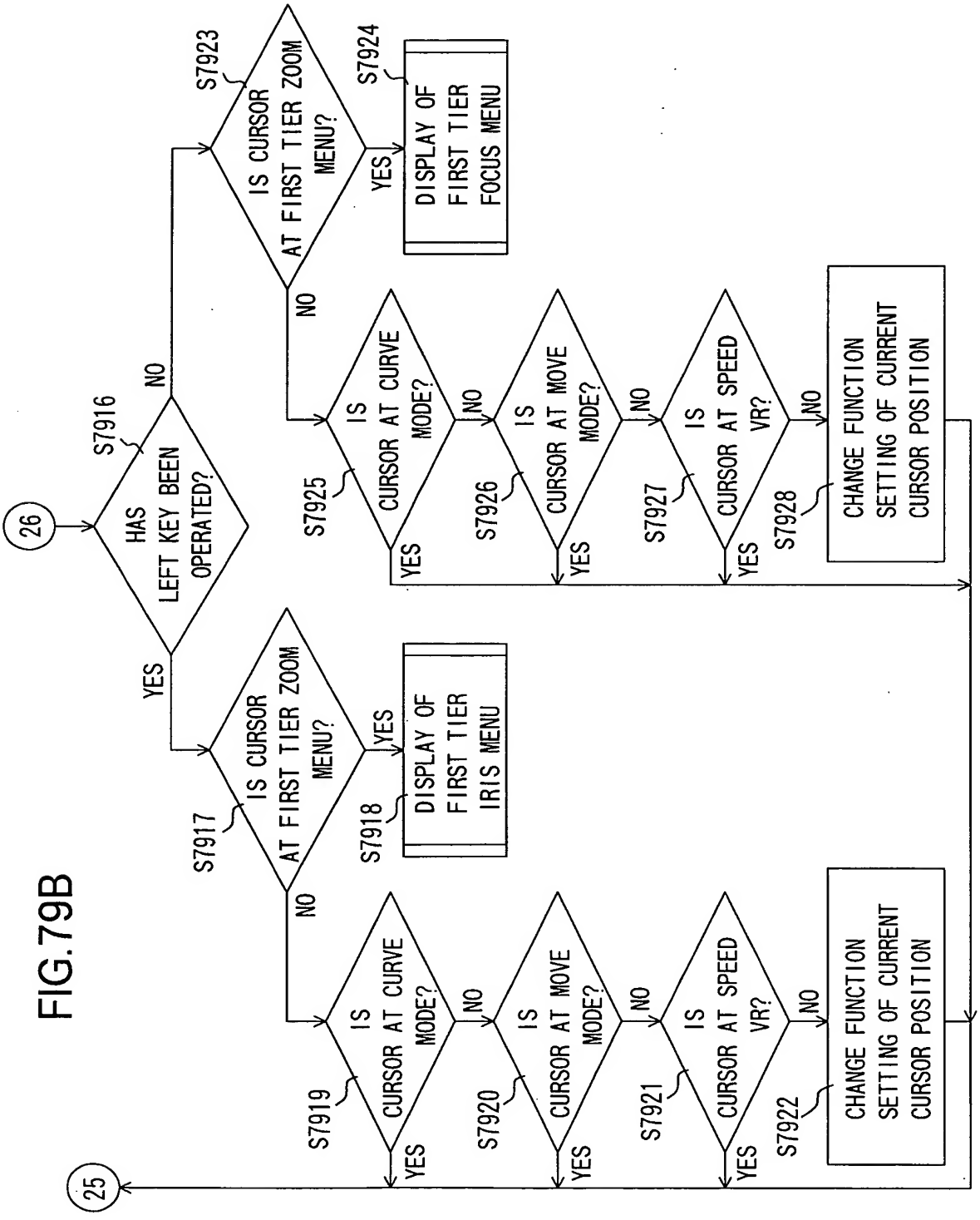

DISPLAY OF FIRST AND SECOND TIER ZOOM MENU
S7901
RESET CURSOR POSITION
S7902
HAS ANY KEY BEEN OPERATED?
S7903
YES
NO
HAS SELECT KEY BEEN OPERATED?
S7904
YES
NO
HAS UP KEY BEEN OPERATED?
S7909
YES
NO
HAS DOWN KEY BEEN OPERATED?
S7913
YES
NO
26
IS CURSOR AT CURVE MODE?
S7905
YES
NO
IS CURSOR AT MOVE MODE?
S7906
YES
NO
IS CURSOR AT SPEED VR?
S7907
YES
NO
DISPLAY OF THIRD TIER ZOOM MENU AT CURSOR POSITION
S7908
IS CURSORAT FIRST TIER ZOOM MENU?
S7910
YES
NO
DISPLAY OF GO TOP MENU
S7911
MOVE CURSOR UP ONE ROW
S7912
IS CURSOR AT BOTTOM END?
S7914
YES
NO
MOVE CURSOR DOWN ONE ROW
S7915
25

FIG.79B


26
S7916
HAS LEFT KEY BEEN OPERATED?
NO
YES
S7923
IS CURSOR AT FIRST TIER ZOOM MENU?
YES
S7924
DISPLAY OF FIRST TIER FOCUS MENU
NO
S7925
IS CURSOR AT CURVE MODE?
YES
NO
S7926
IS CURSOR AT MOVE MODE?
YES
NO
S7927
IS CURSOR AT SPEED VR?
YES
NO
S7928
CHANGE FUNCTION SETTING OF CURRENT CURSOR POSITION
S7917
IS CURSOR AT FIRST TIER ZOOM MENU?
YES
S7918
DISPLAY OF FIRST TIER IRIS MENU
NO
S7919
IS CURSOR AT CURVE MODE?
YES
NO
S7920
IS CURSOR AT MOVE MODE?
YES
NO
S7921
IS CURSOR AT SPEED VR?
YES
NO
S7922
CHANGE FUNCTION SETTING OF CURRENT CURSOR POSITION
25

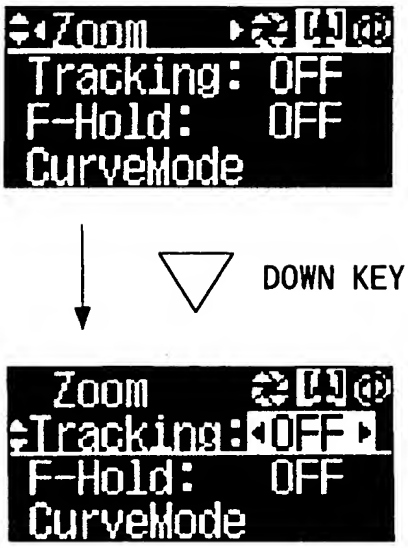


FIG.80

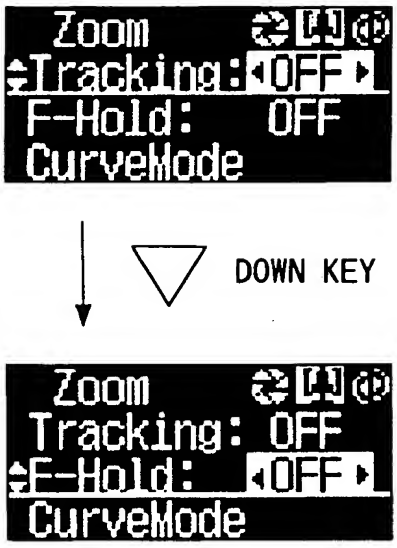


FIG.81

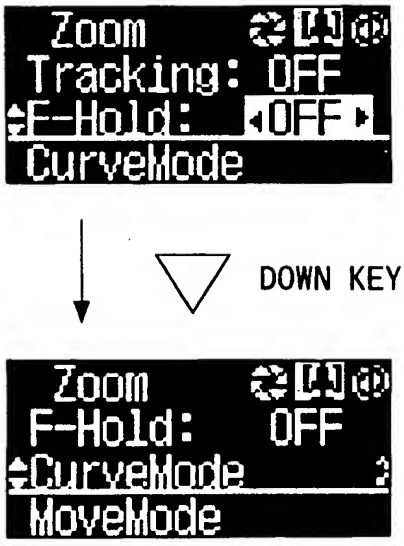


FIG.82

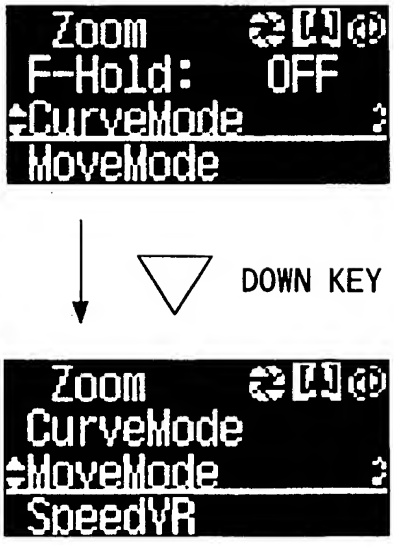


FIG.83

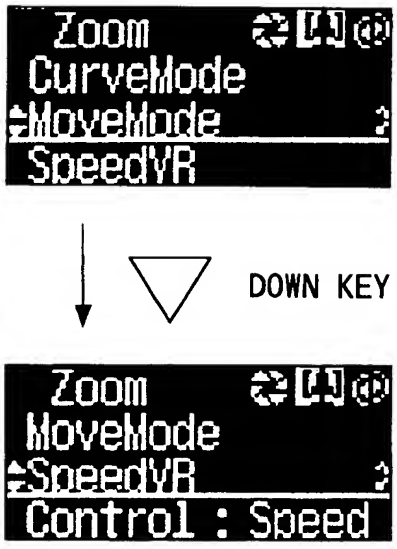


FIG.84

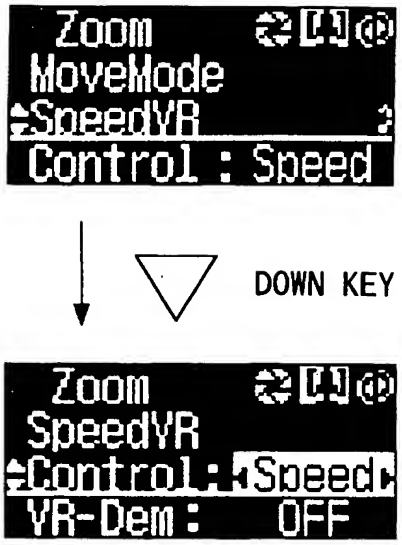


FIG.85

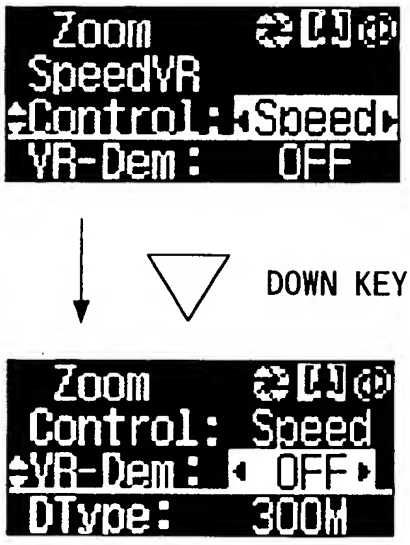


FIG.86

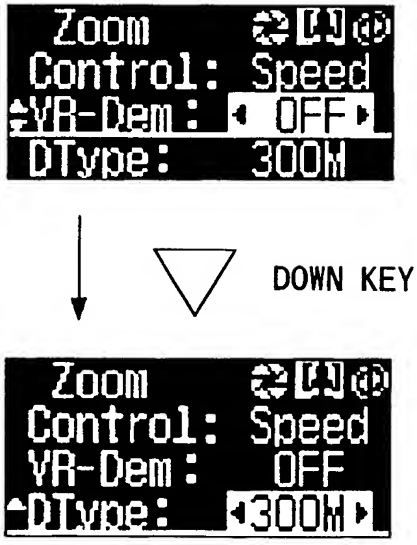


FIG.87

FIG.88A

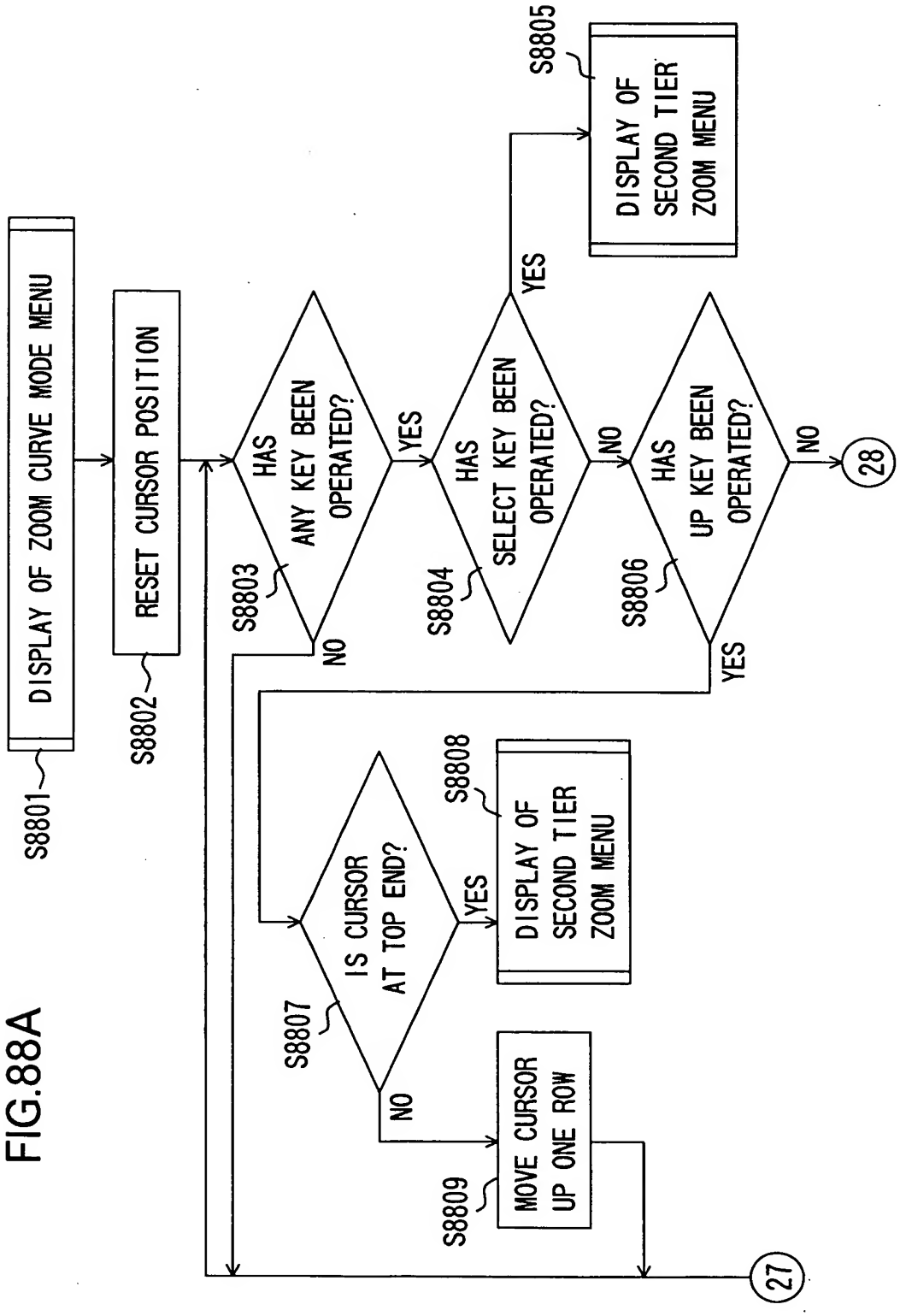
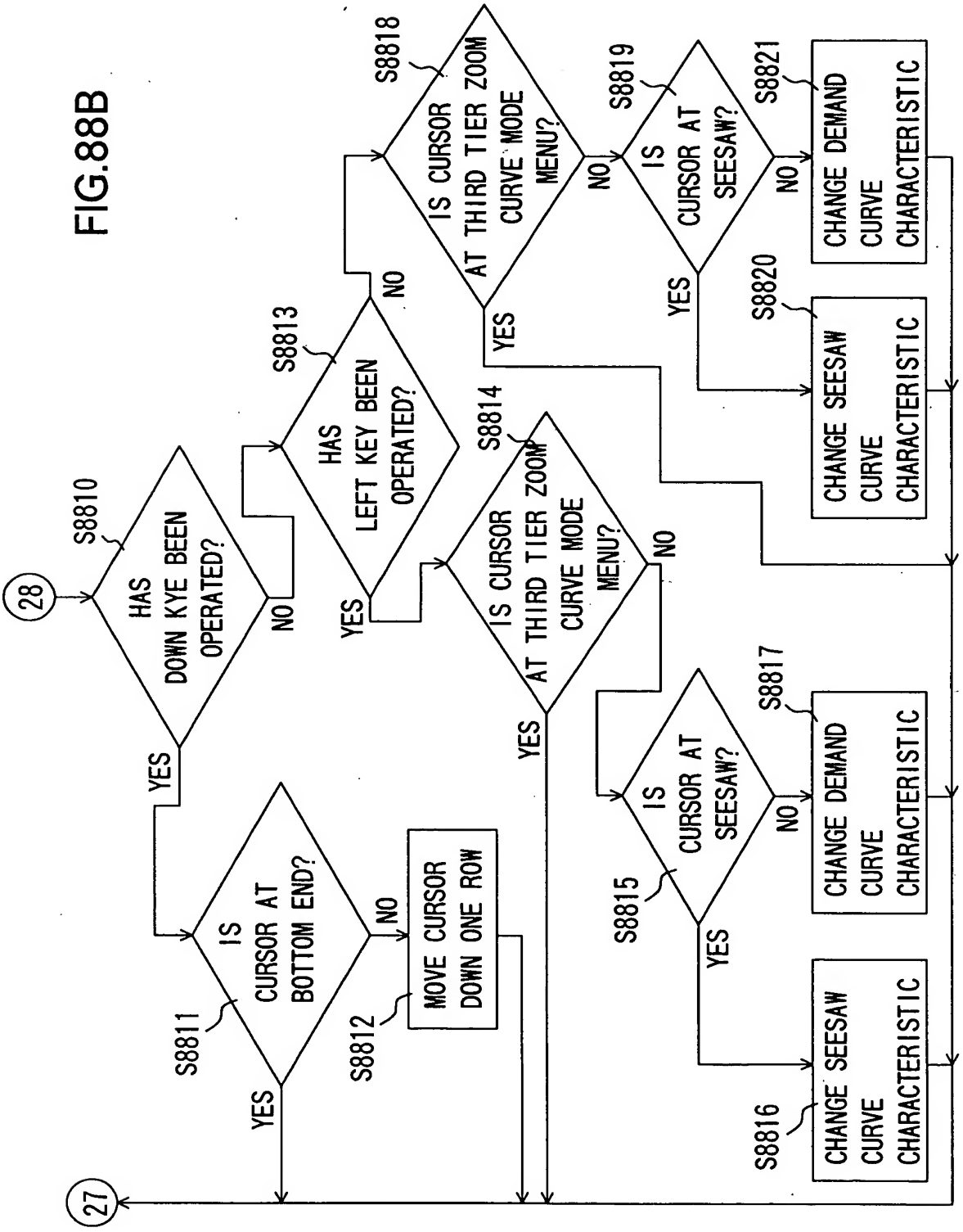

S8801
DISPLAY OF ZOOM CURVE MODE MENU
S8802
RESET CURSOR POSITION
S8803
HAS ANY KEY BEEN OPERATED?
YES
NO
S8804
HAS SELECT KEY BEEN OPERATED?
YES
NO
S8805
DISPLAY OF SECOND TIER ZOOM MENU
S8806
HAS UP KEY BEEN OPERATED?
YES
NO
28
S8807
IS CURSOR AT TOP END?
YES
NO
S8808
DISPLAY OF SECOND TIER ZOOM MENU
S8809
MOVE CURSOR UP ONE ROW
27

FIG.88B


28
S8810
HAS DOWN KYE BEEN OPERATED?
NO
YES
S8811
IS CURSOR AT BOTTOM END?
NO
S8812
MOVE CURSOR DOWN ONE ROW
YES
27
S8813
HAS LEFT KEY BEEN OPERATED?
NO
YES
S8814
IS CURSOR AT THIRD TIER ZOOM CURVE MODE MENU?
NO
YES
S8815
IS CURSOR AT SEESAW?
NO
YES
S8816
CHANGE SEESAW CURVE CHARACTERISTIC
S8817
CHANGE DEMAND CURVE CHARACTERISTIC
S8818
IS CURSOR AT THIRD TIER ZOOM CURVE MODE MENU?
NO
YES
S8819
IS CURSOR AT SEESAW?
NO
YES
S8820
CHANGE SEESAW CURVE CHARACTERISTIC
S8821
CHANGE DEMAND CURVE CHARACTERISTIC

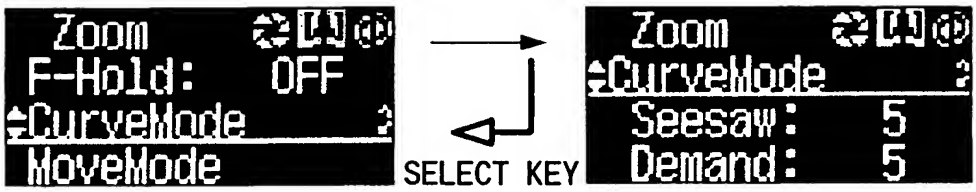


FIG.89

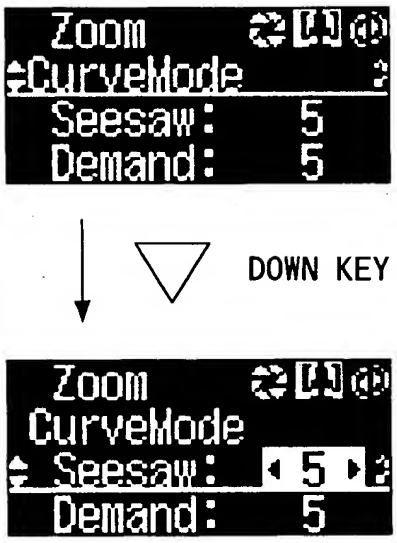


FIG.90

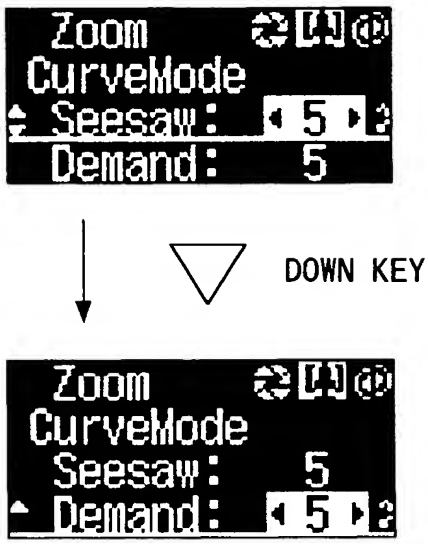


FIG.91

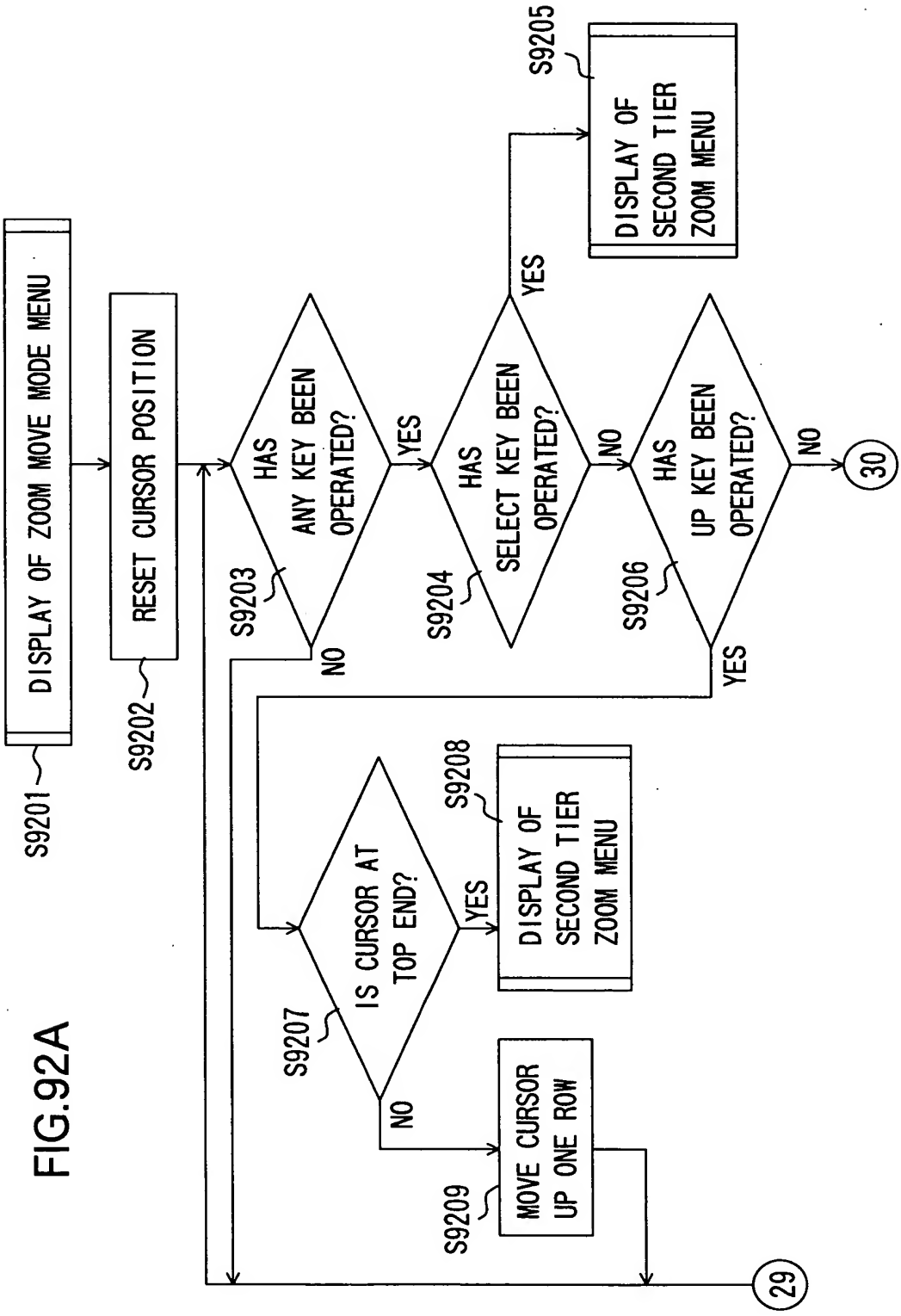
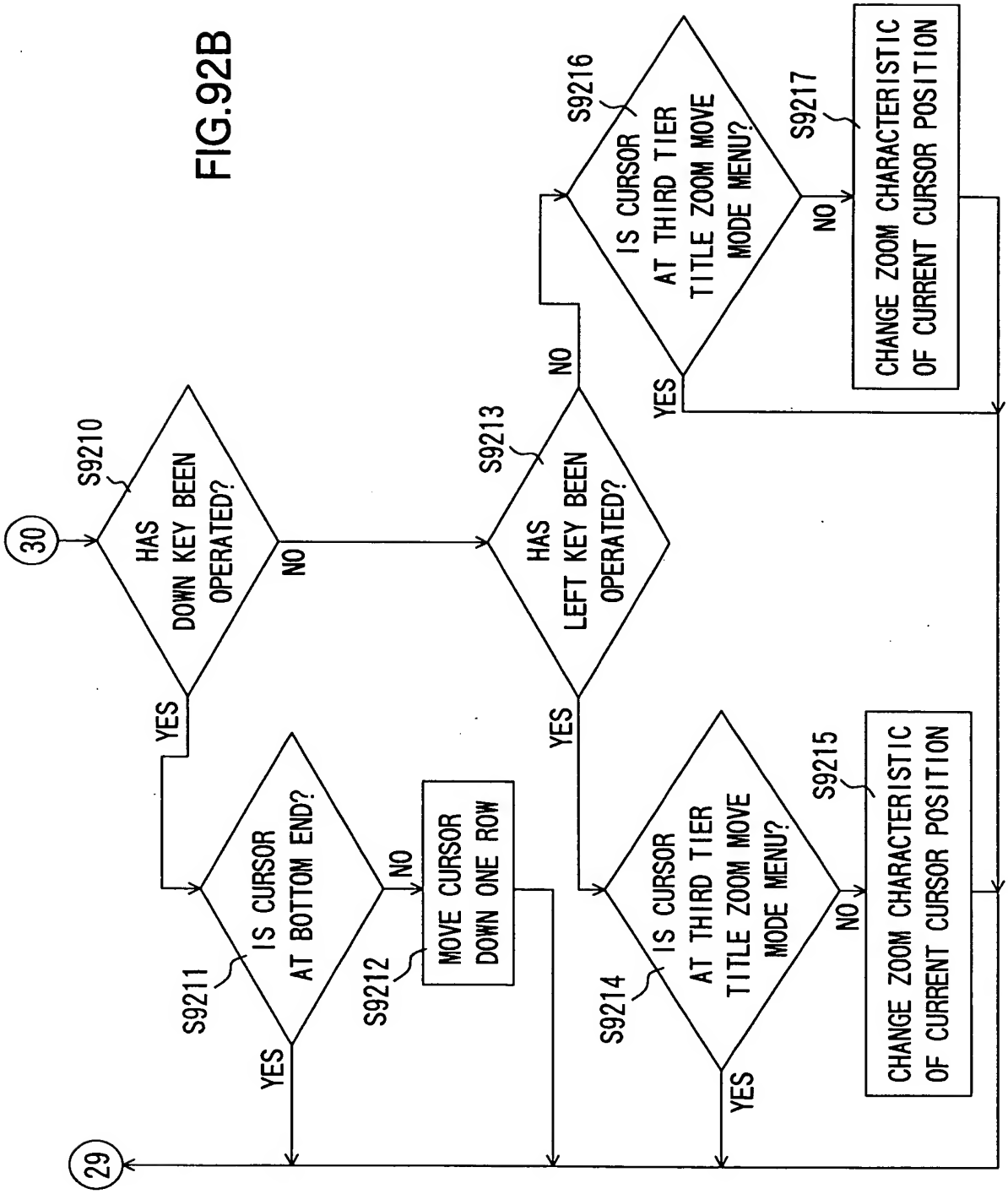

S9201
DISPLAY OF ZOOM MOVE MODE MENU
S9202
RESET CURSOR POSITION
S9203
HAS ANY KEY BEEN OPERATED?
YES
NO
S9204
HAS SELECT KEY BEEN OPERATED?
YES
NO
S9205
DISPLAY OF SECOND TIER ZOOM MENU
S9206
HAS UP KEY BEEN OPERATED?
YES
NO
30
S9207
IS CURSOR AT TOP END?
YES
NO
S9208
DISPLAY OF SECOND TIER ZOOM MENU
S9209
MOVE CURSOR UP ONE ROW
29

FIG.92A

FIG.92B


30
S9210
HAS DOWN KEY BEEN OPERATED?
YES
NO
S9211
IS CURSOR AT BOTTOM END?
YES
NO
S9212
MOVE CURSOR DOWN ONE ROW
S9213
HAS LEFT KEY BEEN OPERATED?
YES
NO
S9214
IS CURSOR AT THIRD TIER TITLE ZOOM MOVE MODE MENU?
YES
NO
S9215
CHANGE ZOOM CHARACTERISTIC OF CURRENT CURSOR POSITION
S9216
IS CURSOR AT THIRD TIER TITLE ZOOM MOVE MODE MENU?
YES
NO
S9217
CHANGE ZOOM CHARACTERISTIC OF CURRENT CURSOR POSITION
29

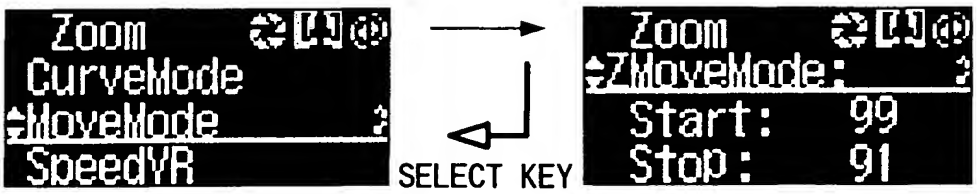


FIG.93

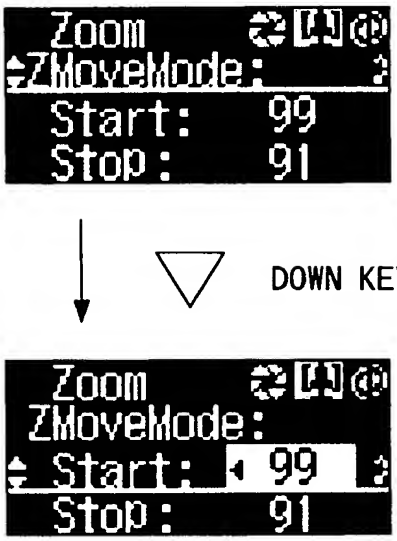


FIG.94

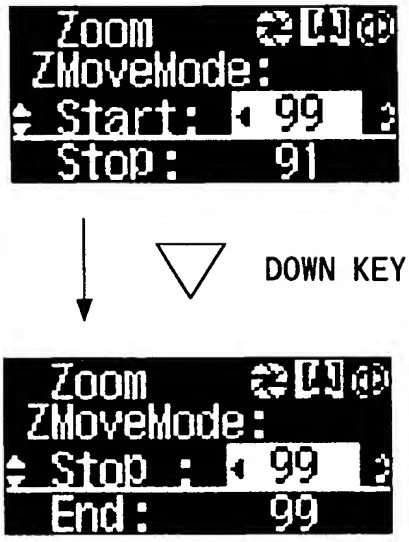


FIG.95

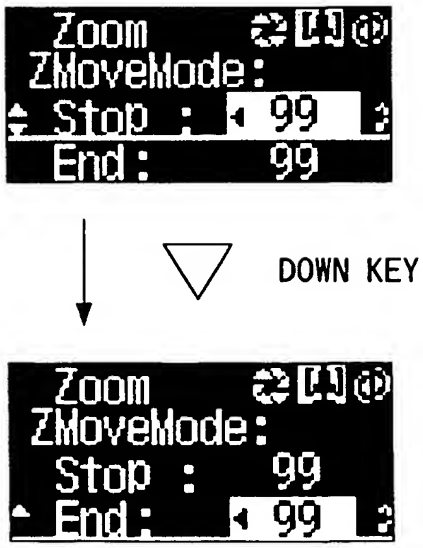


FIG.96

FIG.97A

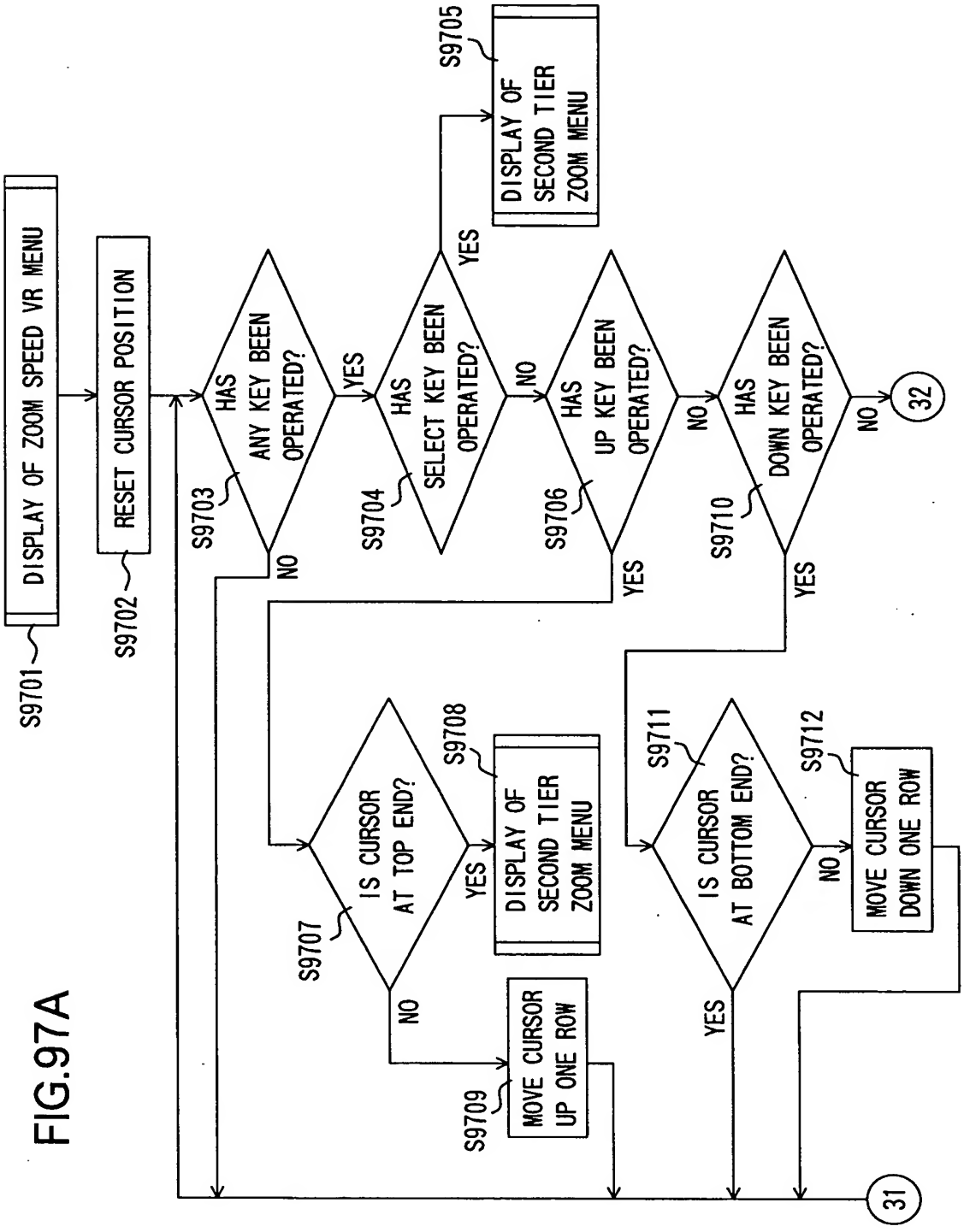
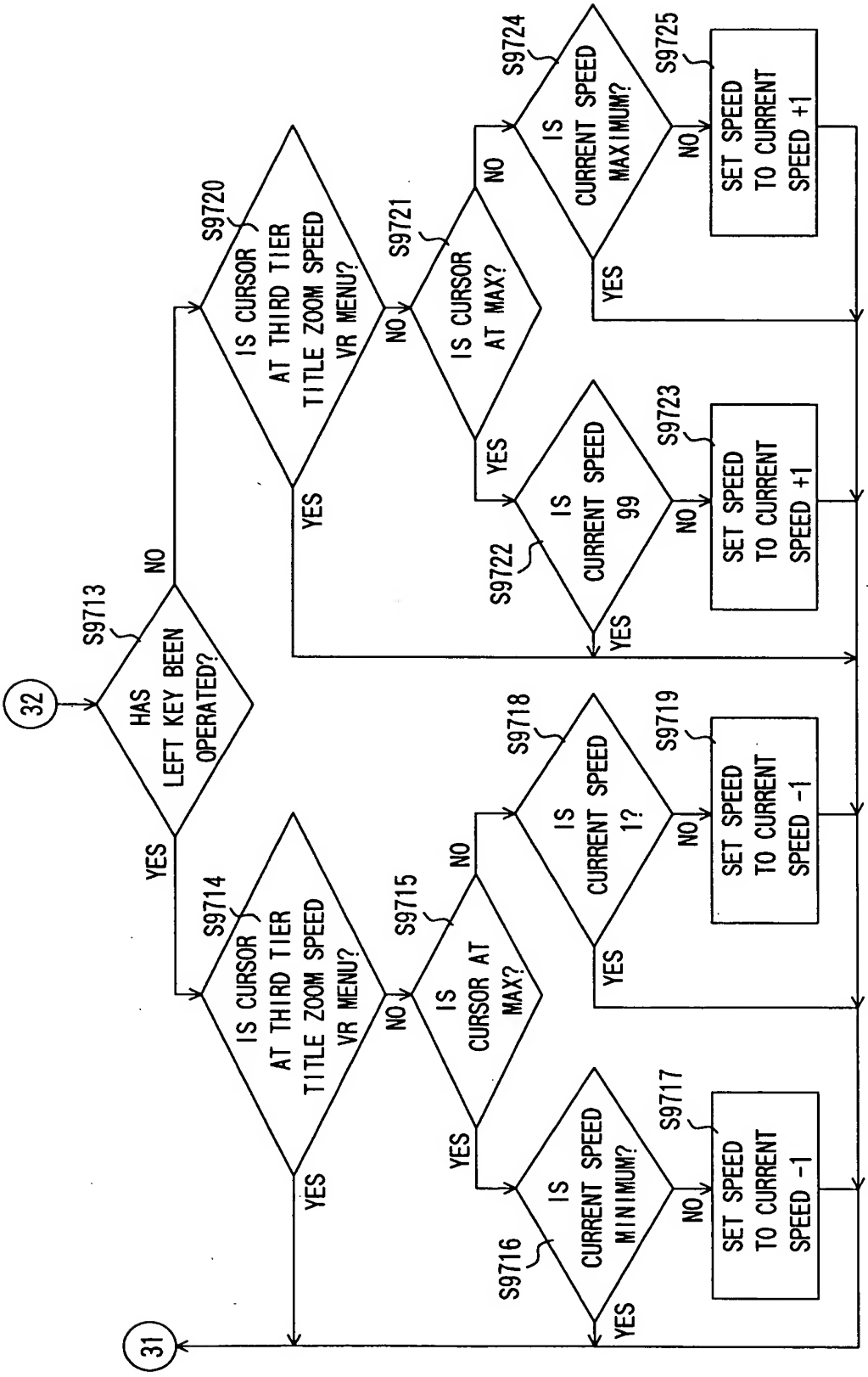

DISPLAY OF ZOOM SPEED VR MENU
S9701
RESET CURSOR POSITION
S9702
HAS ANY KEY BEEN OPERATED?
S9703
YES
NO
HAS SELECT KEY BEEN OPERATED?
S9704
YES
DISPLAY OF SECOND TIER ZOOM MENU
S9705
NO
HAS UP KEY BEEN OPERATED?
S9706
YES
IS CURSOR AT TOP END?
S9707
YES
DISPLAY OF SECOND TIER ZOOM MENU
S9708
NO
MOVE CURSOR UP ONE ROW
S9709
NO
HAS DOWN KEY BEEN OPERATED?
S9710
YES
IS CURSOR AT BOTTOM END?
S9711
YES
MOVE CURSOR DOWN ONE ROW
S9712
NO
NO
32
31

FIG.97B


32
S9713
HAS LEFT KEY BEEN OPERATED?
NO
YES
S9714
IS CURSOR AT THIRD TIER TITLE ZOOM SPEED VR MENU?
NO
YES
S9715
IS CURSOR AT MAX?
NO
YES
S9716
IS CURRENT SPEED MINIMUM?
NO
YES
S9717
SET SPEED TO CURRENT SPEED -1
S9718
IS CURRENT SPEED 1?
NO
YES
S9719
SET SPEED TO CURRENT SPEED -1
S9720
IS CURSOR AT THIRD TIER TITLE ZOOM SPEED VR MENU?
NO
YES
S9721
IS CURSOR AT MAX?
NO
YES
S9722
IS CURRENT SPEED 99
NO
YES
S9723
SET SPEED TO CURRENT SPEED +1
S9724
IS CURRENT SPEED MAXIMUM?
NO
YES
S9725
SET SPEED TO CURRENT SPEED +1
31

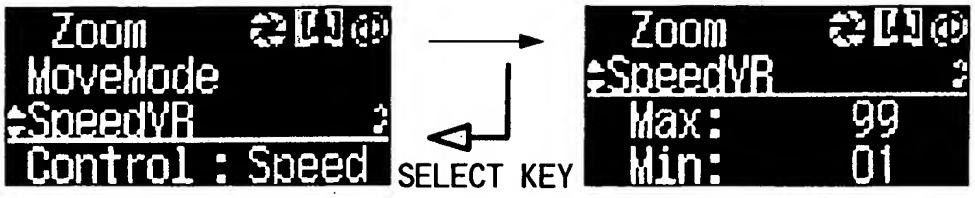


FIG.98

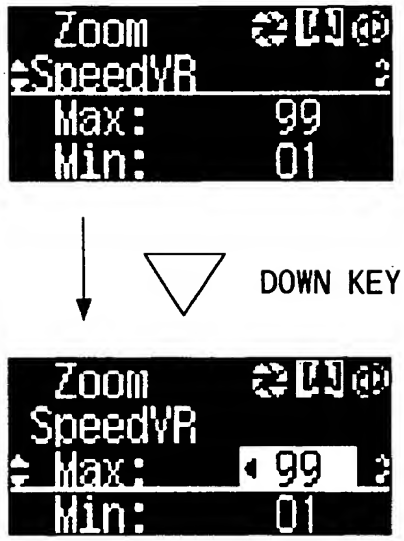


FIG.99

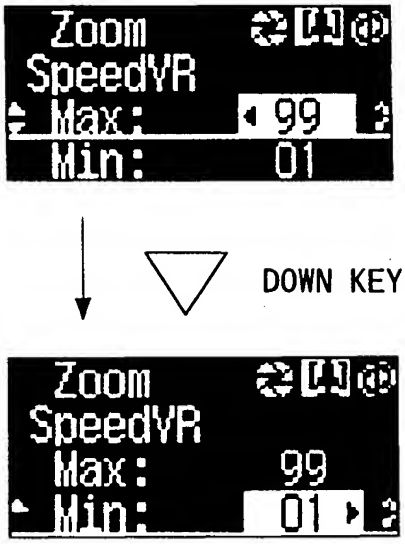


FIG.100

FIG.101A

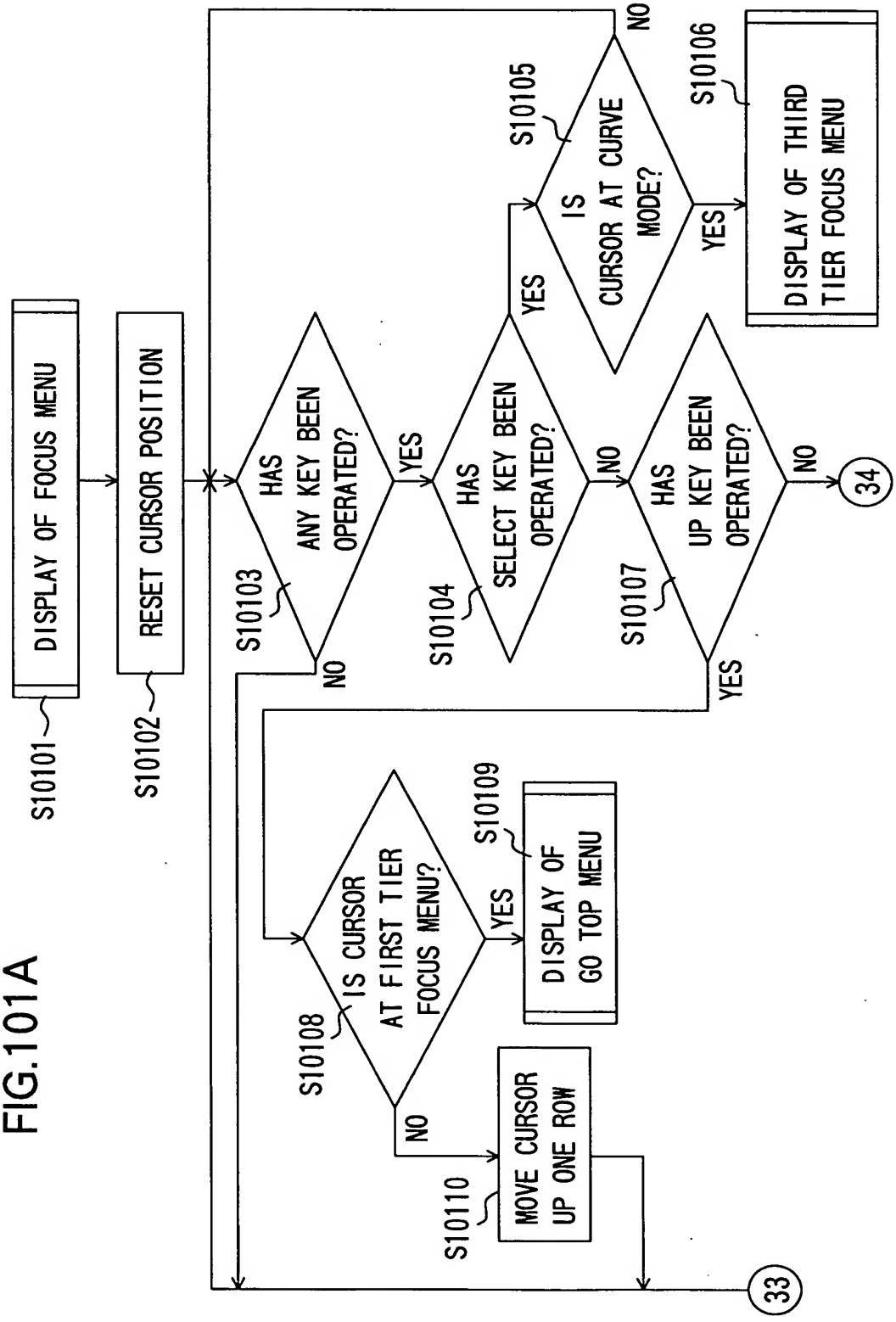
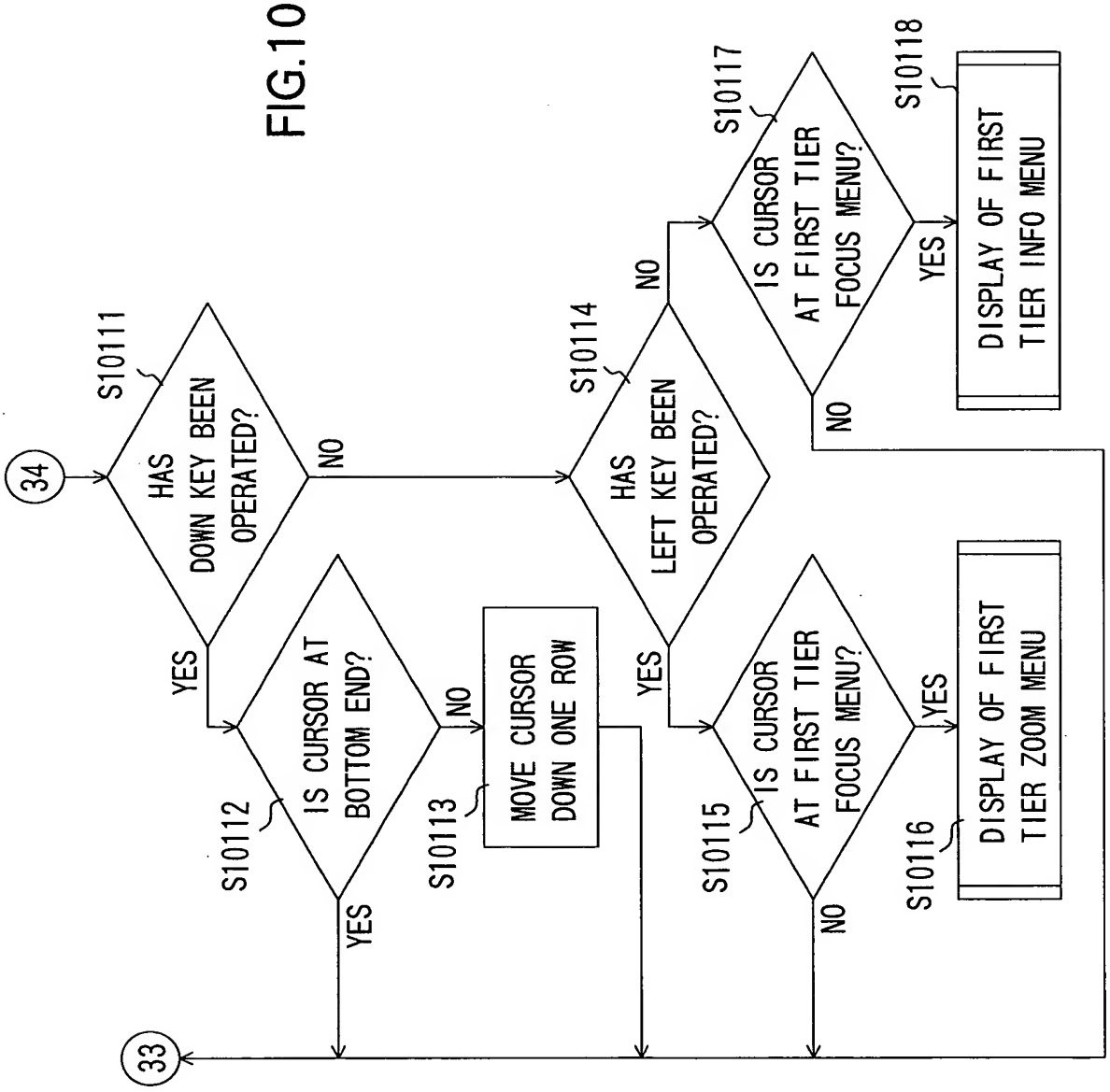

S10101
DISPLAY OF FOCUS MENU
S10102
RESET CURSOR POSITION
S10103
HAS ANY KEY BEEN OPERATED?
YES
NO
S10104
HAS SELECT KEY BEEN OPERATED?
YES
NO
S10105
IS CURSOR AT CURVE MODE?
YES
NO
S10106
DISPLAY OF THIRD TIER FOCUS MENU
S10107
HAS UP KEY BEEN OPERATED?
YES
NO
34
S10108
IS CURSOR AT FIRST TIER FOCUS MENU?
YES
NO
S10109
DISPLAY OF GO TOP MENU
S10110
MOVE CURSOR UP ONE ROW
33

FIG.101B


34
S10111
HAS DOWN KEY BEEN OPERATED?
NO
YES
S10112
IS CURSOR AT BOTTOM END?
NO
S10113
MOVE CURSOR DOWN ONE ROW
YES
S10114
HAS LEFT KEY BEEN OPERATED?
NO
YES
S10115
IS CURSOR AT FIRST TIER FOCUS MENU?
NO
YES
S10116
DISPLAY OF FIRST TIER ZOOM MENU
S10117
IS CURSOR AT FIRST TIER FOCUS MENU?
NO
YES
S10118
DISPLAY OF FIRST TIER INFO MENU
33

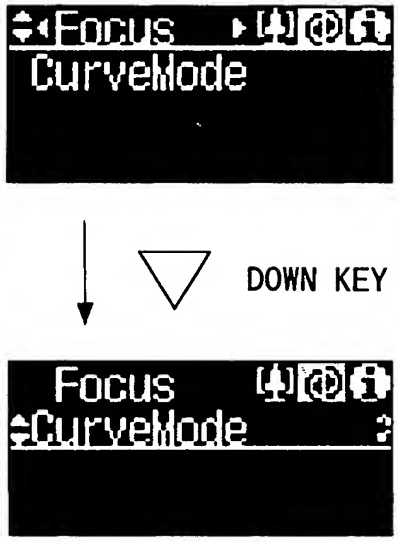


FIG.102

FIG.103A

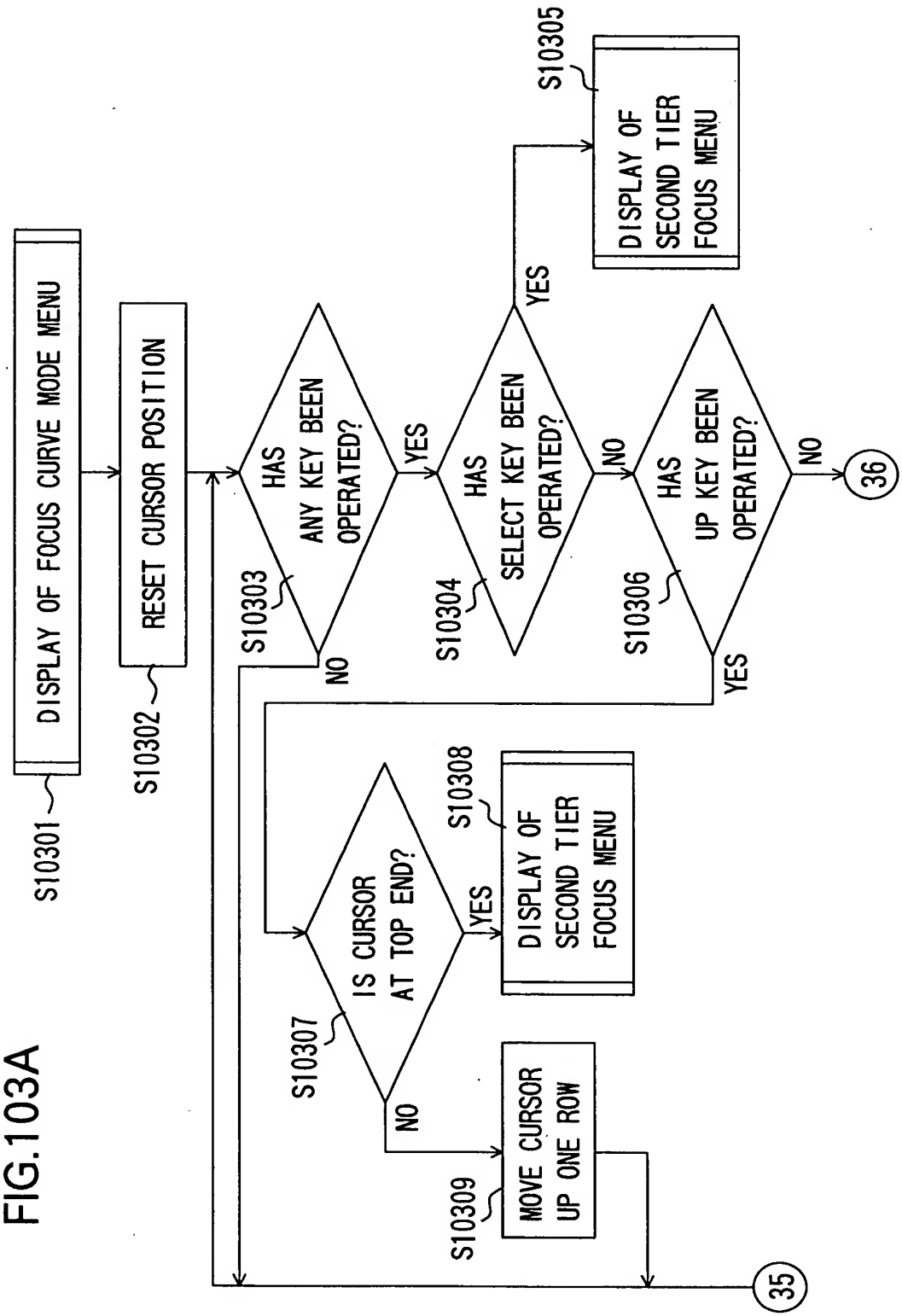
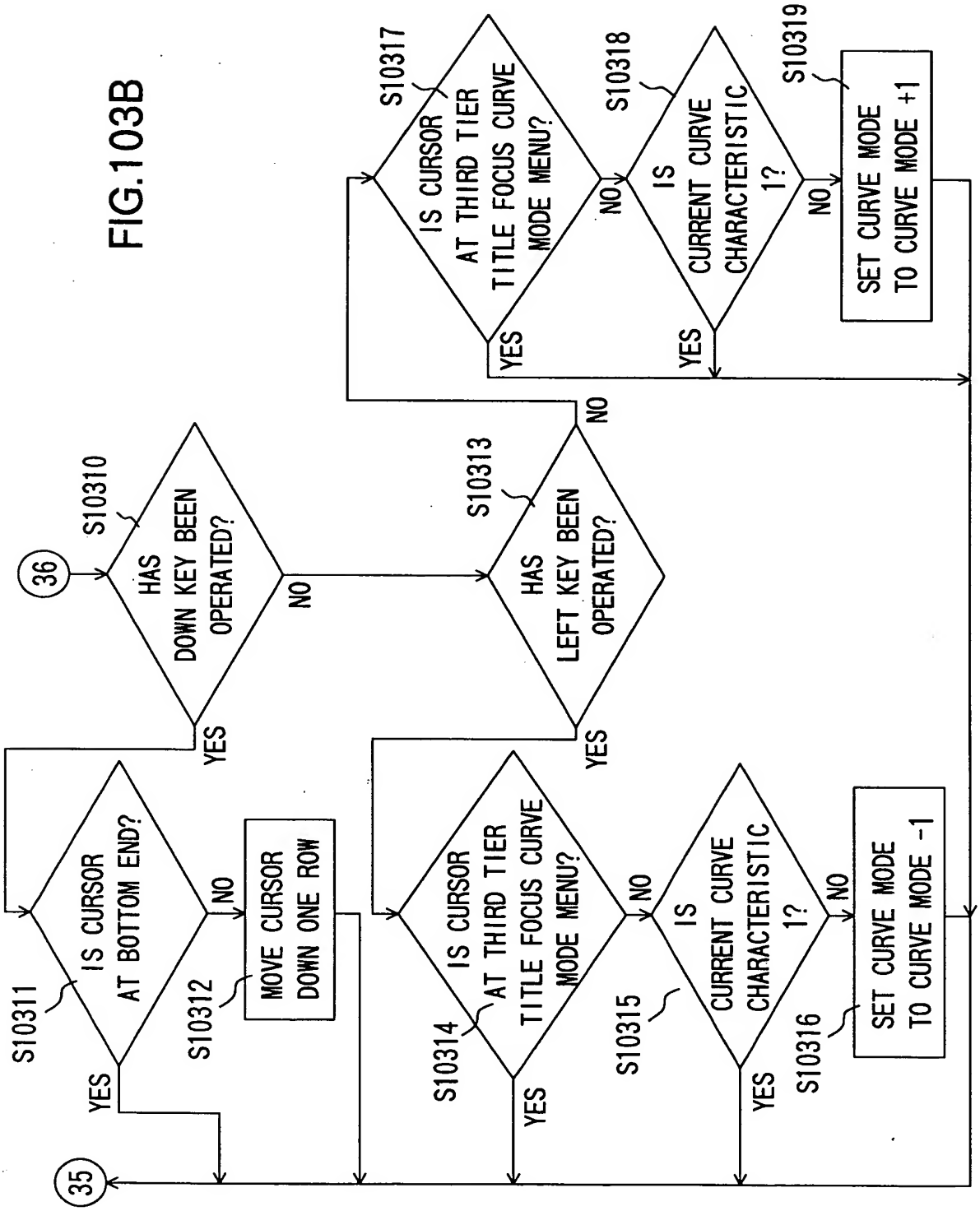

S10301
DISPLAY OF FOCUS CURVE MODE MENU
S10302
RESET CURSOR POSITION
S10303
HAS ANY KEY BEEN OPERATED?
YES
NO
S10304
HAS SELECT KEY BEEN OPERATED?
YES
NO
S10305
DISPLAY OF SECOND TIER FOCUS MENU
S10306
HAS UP KEY BEEN OPERATED?
YES
NO
36
S10307
IS CURSOR AT TOP END?
YES
NO
S10308
DISPLAY OF SECOND TIER FOCUS MENU
S10309
MOVE CURSOR UP ONE ROW
35

FIG.103B


36
S10310
HAS DOWN KEY BEEN OPERATED?
YES
NO
S10311
IS CURSOR AT BOTTOM END?
YES
NO
S10312
MOVE CURSOR DOWN ONE ROW
35
S10313
HAS LEFT KEY BEEN OPERATED?
YES
NO
S10314
IS CURSOR AT THIRD TIER TITLE FOCUS CURVE MODE MENU?
YES
NO
S10315
IS CURRENT CURVE CHARACTERISTIC 1?
YES
NO
S10316
SET CURVE MODE TO CURVE MODE -1
S10317
IS CURSOR AT THIRD TIER TITLE FOCUS CURVE MODE MENU?
YES
NO
S10318
IS CURRENT CURVE CHARACTERISTIC 1?
YES
NO
S10319
SET CURVE MODE TO CURVE MODE +1

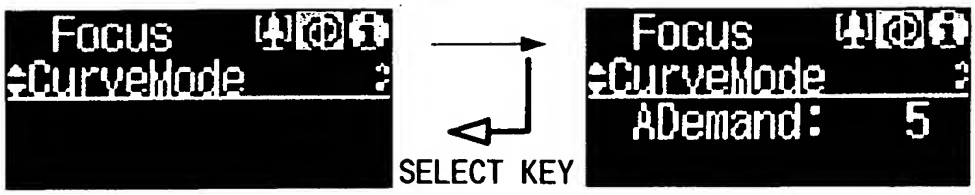


FIG.104

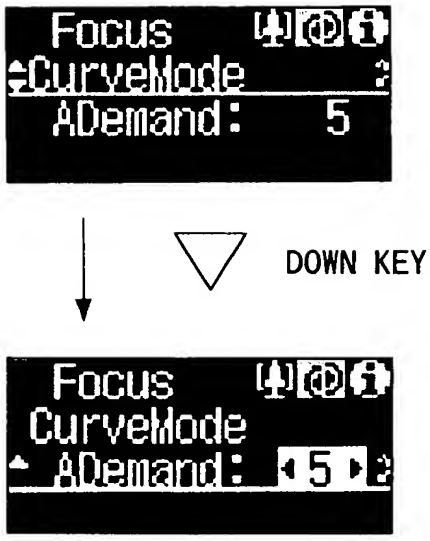


FIG.105

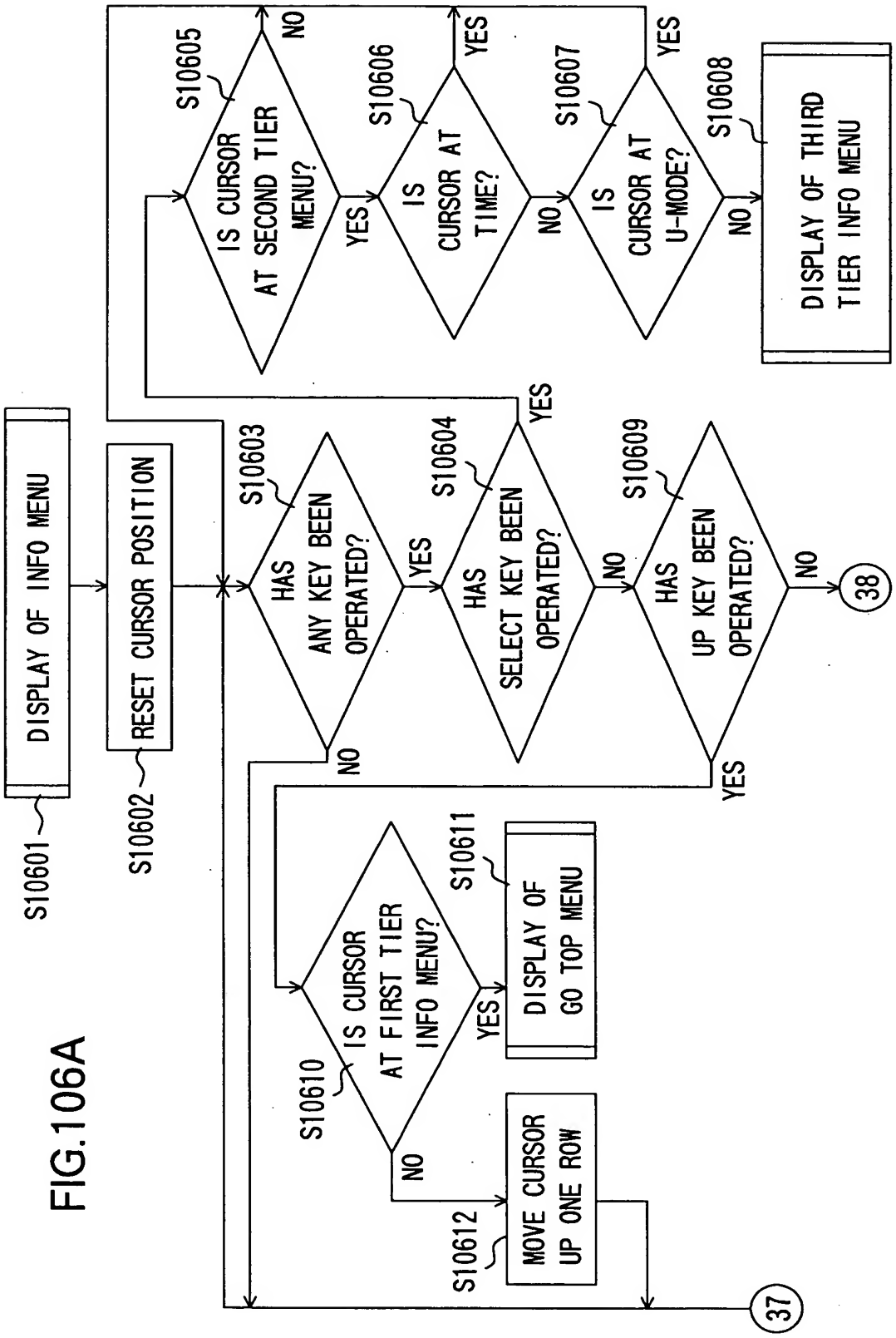
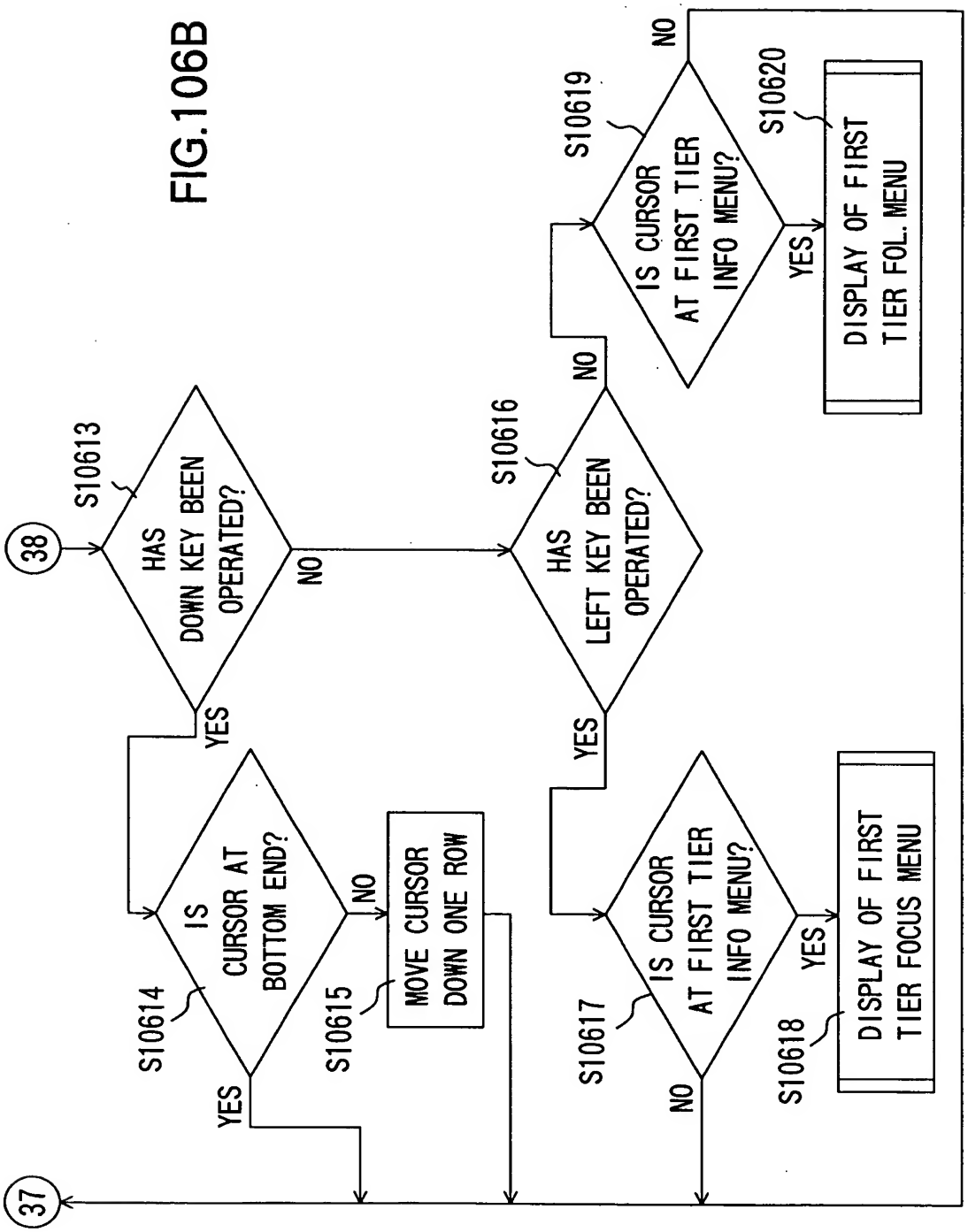

S10601
DISPLAY OF INFO MENU
S10602
RESET CURSOR POSITION
S10603
HAS ANY KEY BEEN OPERATED?
YES
NO
S10604
HAS SELECT KEY BEEN OPERATED?
YES
NO
S10605
IS CURSOR AT SECOND TIER MENU?
YES
NO
S10606
IS CURSOR AT TIME?
YES
NO
S10607
IS CURSOR AT U-MODE?
YES
NO
S10608
DISPLAY OF THIRD TIER INFO MENU
S10609
HAS UP KEY BEEN OPERATED?
YES
NO
S10610
IS CURSOR AT FIRST TIER INFO MENU?
YES
NO
S10611
DISPLAY OF GO TOP MENU
S10612
MOVE CURSOR UP ONE ROW
37
38

FIG.106A

FIG.106B


38
S10613
HAS DOWN KEY BEEN OPERATED?
NO
YES
S10614
IS CURSOR AT BOTTOM END?
NO
YES
S10615
MOVE CURSOR DOWN ONE ROW
S10616
HAS LEFT KEY BEEN OPERATED?
NO
YES
S10617
IS CURSOR AT FIRST TIER INFO MENU?
NO
YES
S10618
DISPLAY OF FIRST TIER FOCUS MENU
S10619
IS CURSOR AT FIRST TIER INFO MENU?
NO
YES
S10620
DISPLAY OF FIRST TIER FOL. MENU
37

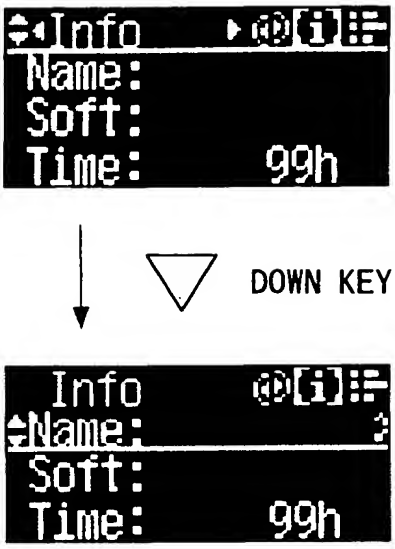


FIG.107

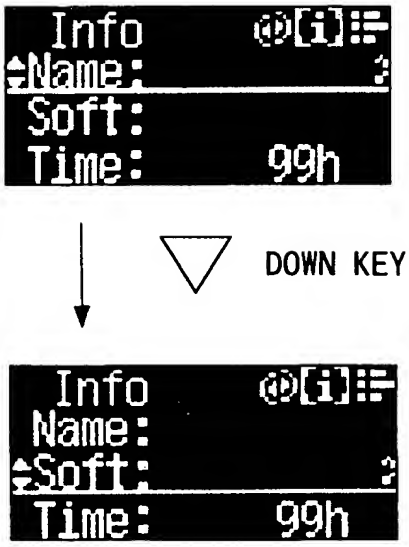


FIG.108

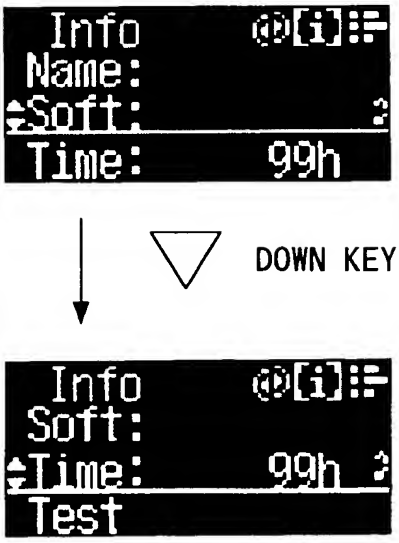


FIG.109

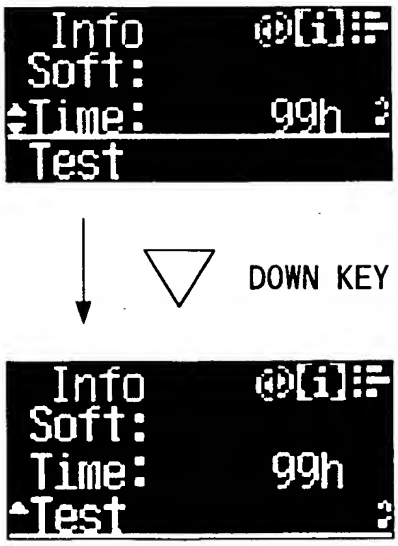


FIG.110

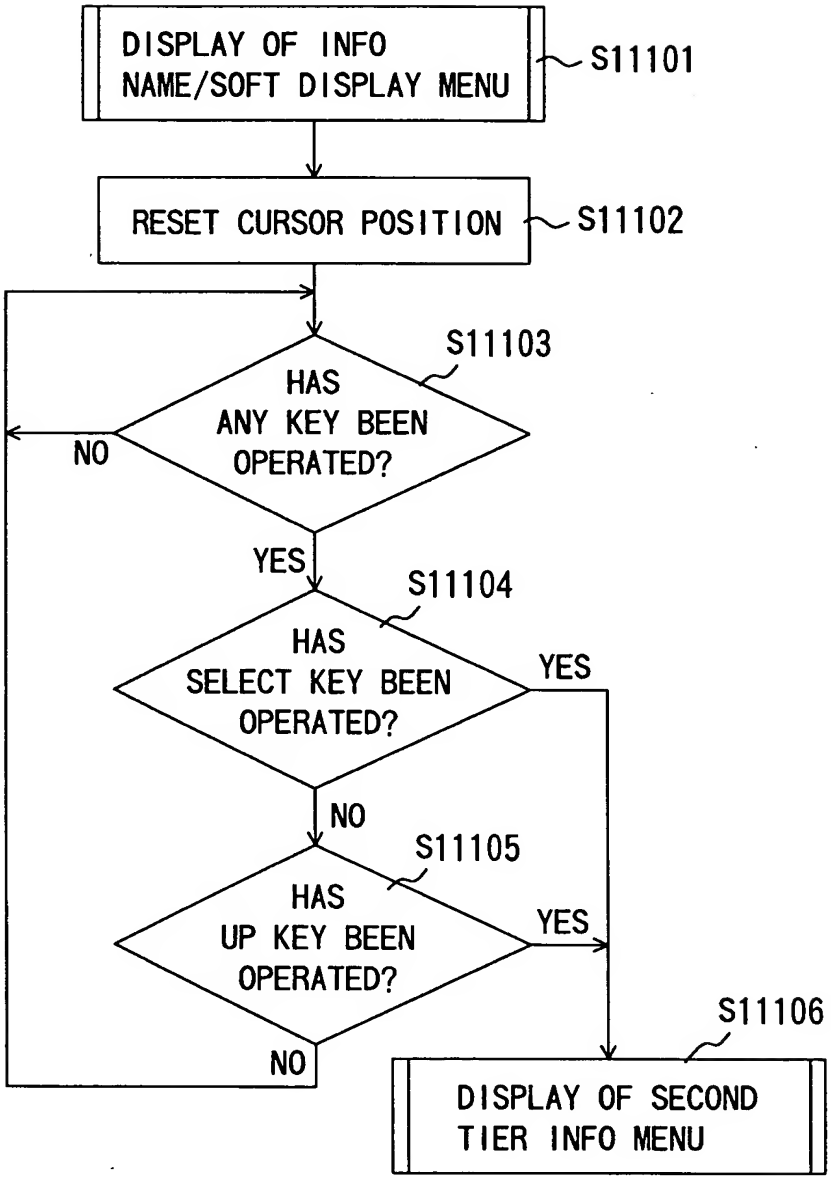

DISPLAY OF INFO NAME/SOFT DISPLAY MENU
S11101
RESET CURSOR POSITION
S11102
S11103
HAS ANY KEY BEEN OPERATED?
NO
YES
S11104
HAS SELECT KEY BEEN OPERATED?
YES
NO
S11105
HAS UP KEY BEEN OPERATED?
YES
NO
S11106
DISPLAY OF SECOND TIER INFO MENU

FIG.111

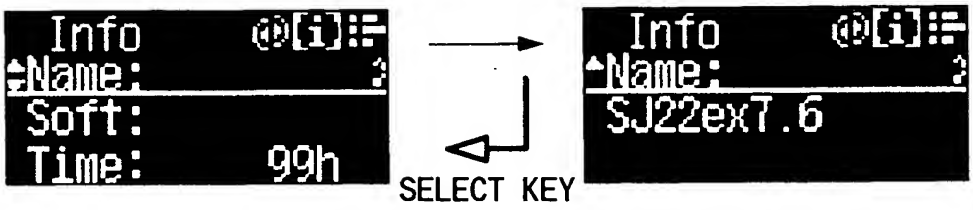


FIG.112

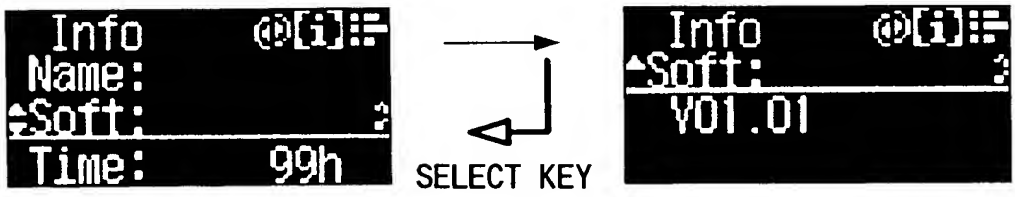


FIG.113

FIG.114A

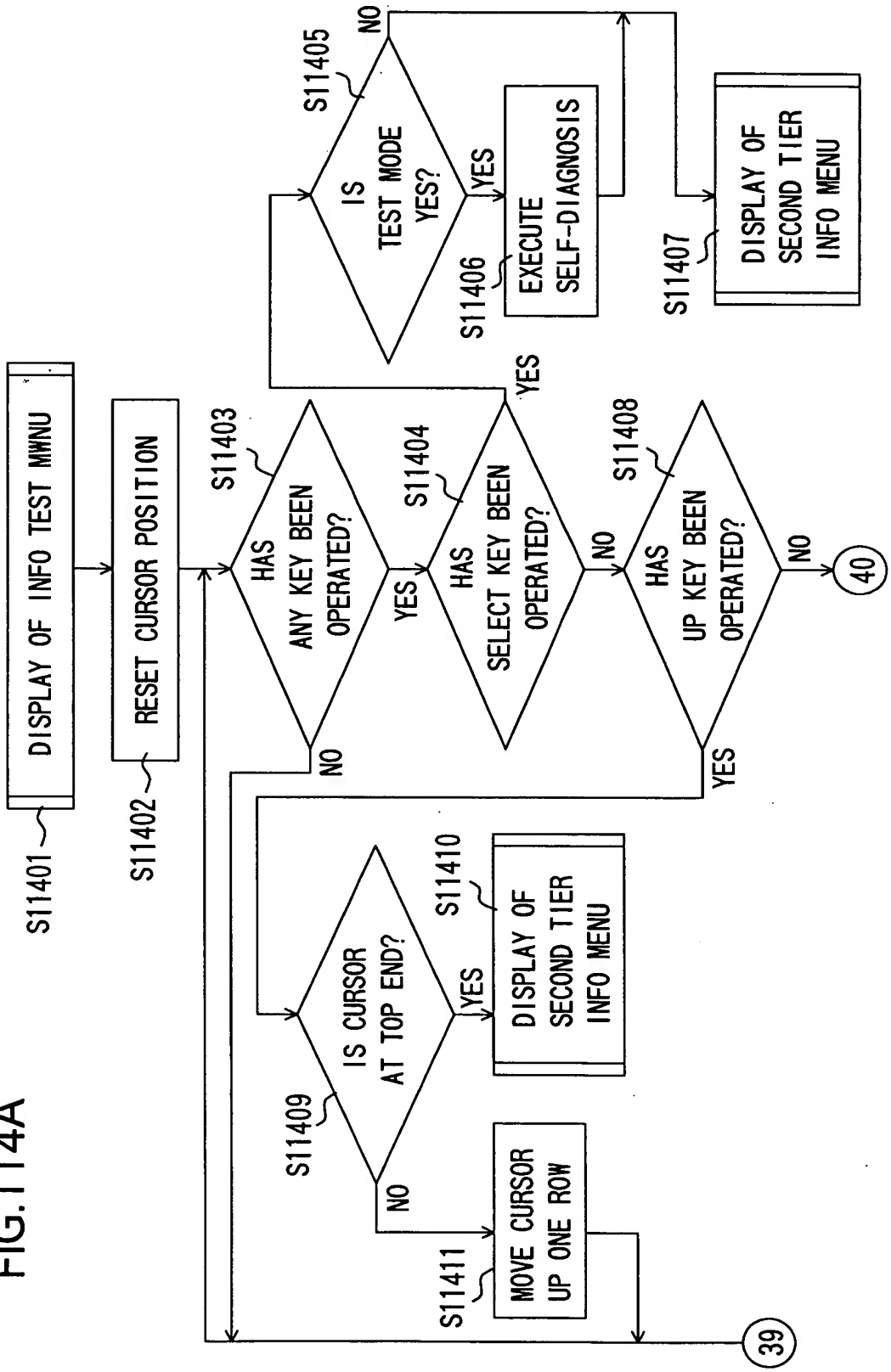
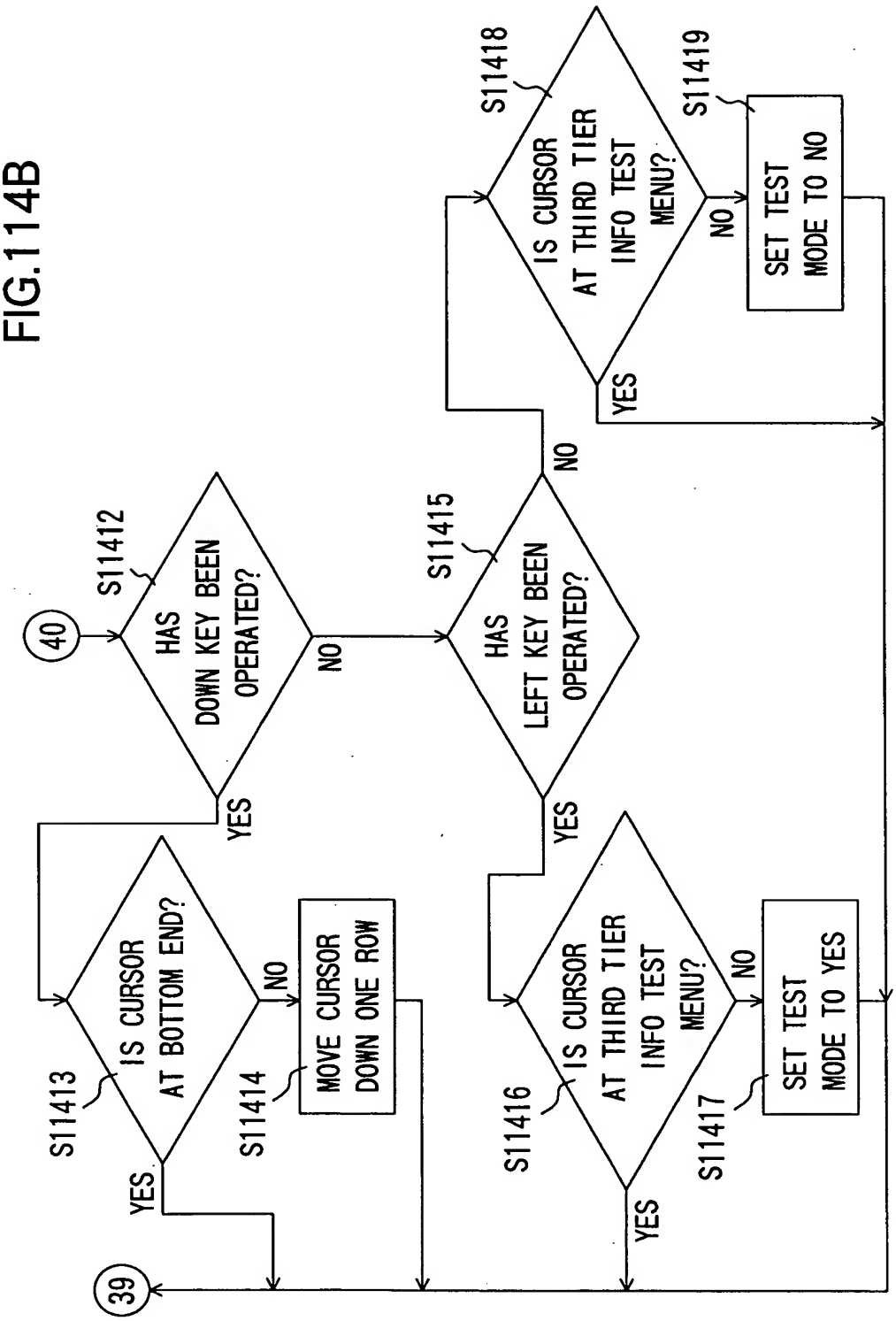

S11401
DISPLAY OF INFO TEST MWNU
S11402
RESET CURSOR POSITION
S11403
HAS ANY KEY BEEN OPERATED?
YES
NO
S11404
HAS SELECT KEY BEEN OPERATED?
YES
NO
S11405
IS TEST MODE YES?
YES
NO
S11406
EXECUTE SELF-DIAGNOSIS
S11407
DISPLAY OF SECOND TIER INFO MENU
S11408
HAS UP KEY BEEN OPERATED?
YES
NO
40
S11409
IS CURSOR AT TOP END?
YES
NO
S11410
DISPLAY OF SECOND TIER INFO MENU
S11411
MOVE CURSOR UP ONE ROW
39

FIG.114B


40
S11412
HAS DOWN KEY BEEN OPERATED?
NO
S11415
HAS LEFT KEY BEEN OPERATED?
NO
S11418
IS CURSOR AT THIRD TIER INFO TEST MENU?
NO
S11419
SET TEST MODE TO NO
YES
YES
YES
S11413
IS CURSOR AT BOTTOM END?
NO
S11414
MOVE CURSOR DOWN ONE ROW
S11416
IS CURSOR AT THIRD TIER INFO TEST MENU?
NO
S11417
SET TEST MODE TO YES
YES
YES
39

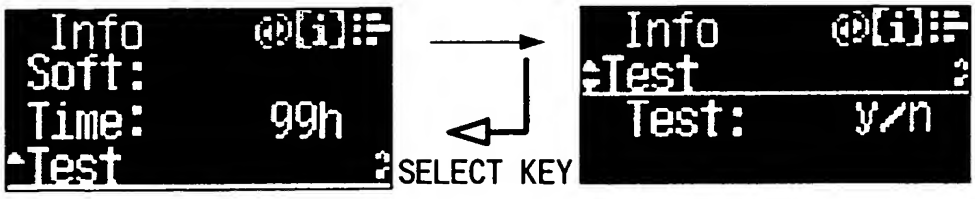


FIG.115

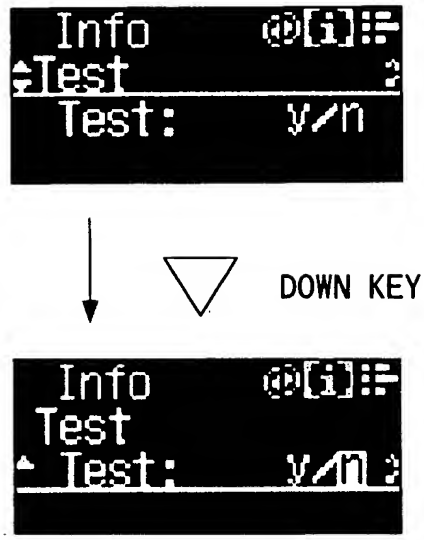


FIG.116

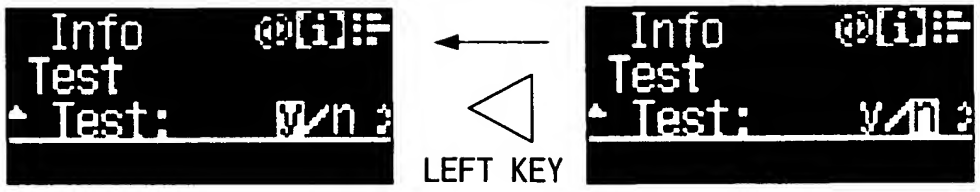


FIG.117

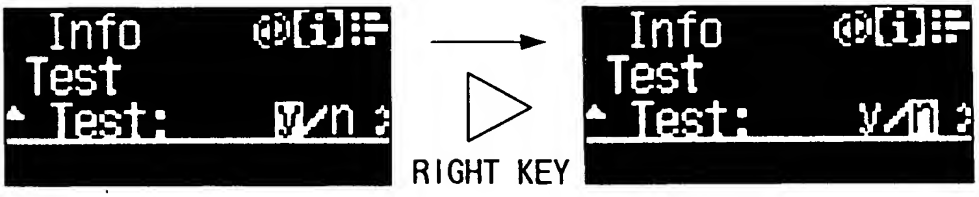


FIG.118

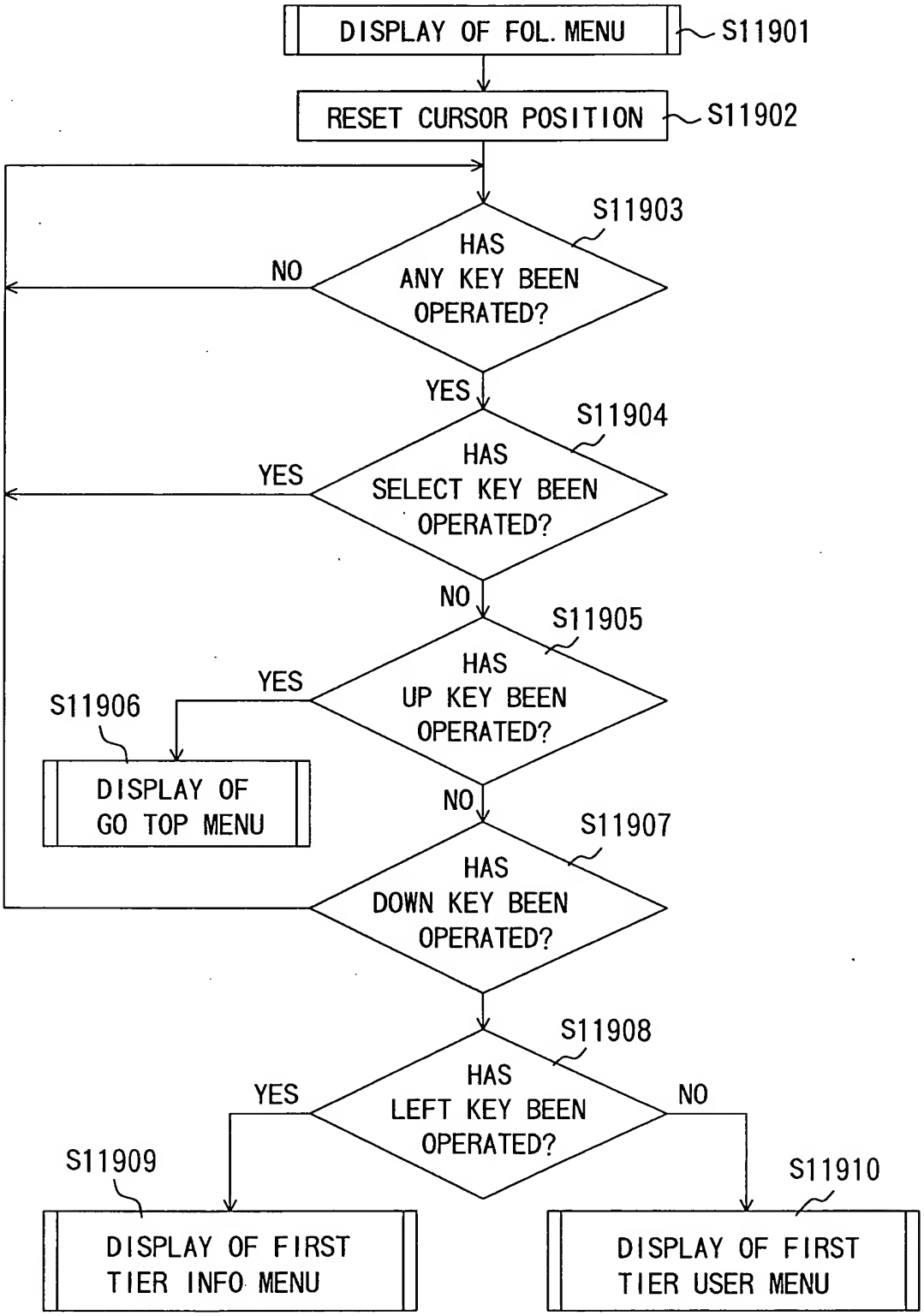

DISPLAY OF FOL. MENU
S11901
RESET CURSOR POSITION
S11902
S11903
HAS ANY KEY BEEN OPERATED?
NO
YES
S11904
HAS SELECT KEY BEEN OPERATED?
YES
NO
S11905
HAS UP KEY BEEN OPERATED?
YES
S11906
DISPLAY OF GO TOP MENU
NO
S11907
HAS DOWN KEY BEEN OPERATED?
S11908
HAS LEFT KEY BEEN OPERATED?
YES
NO
S11909
DISPLAY OF FIRST TIER INFO MENU
S11910
DISPLAY OF FIRST TIER USER MENU

FIG.119

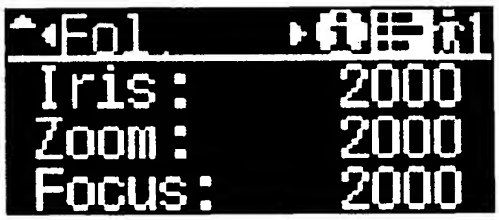


FIG.120

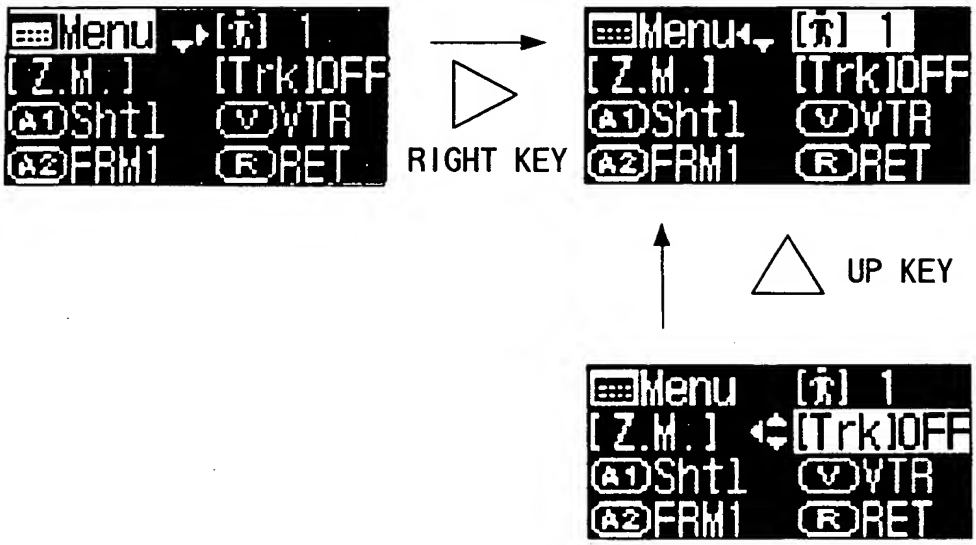


FIG.121

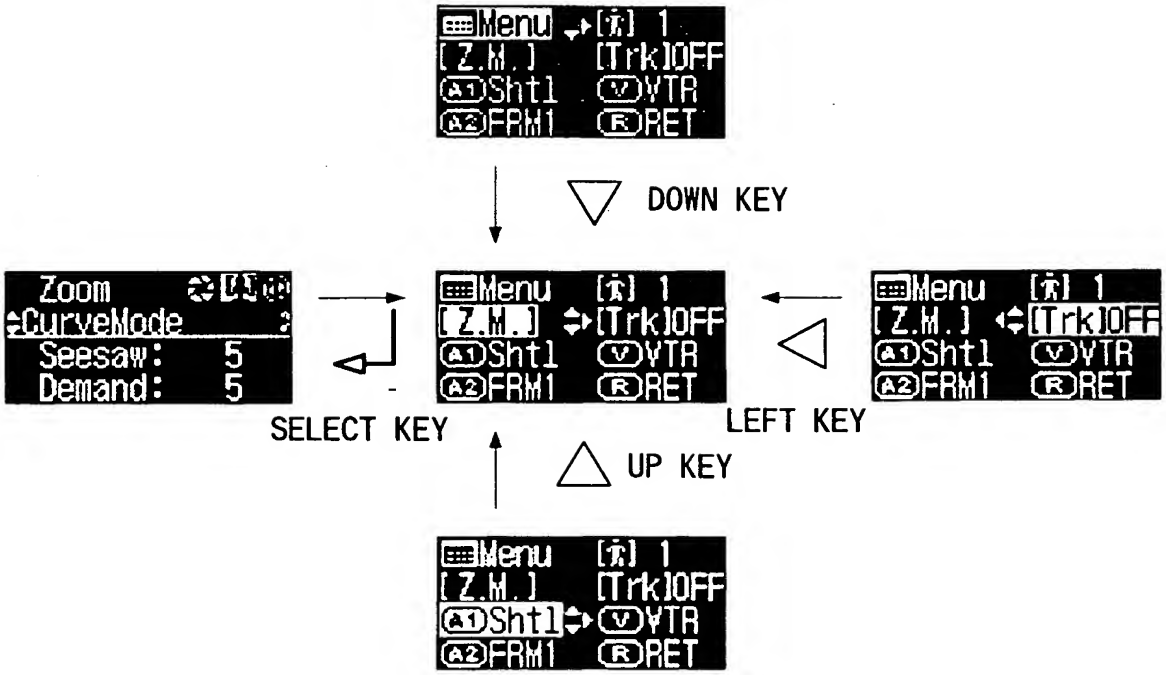


FIG.122

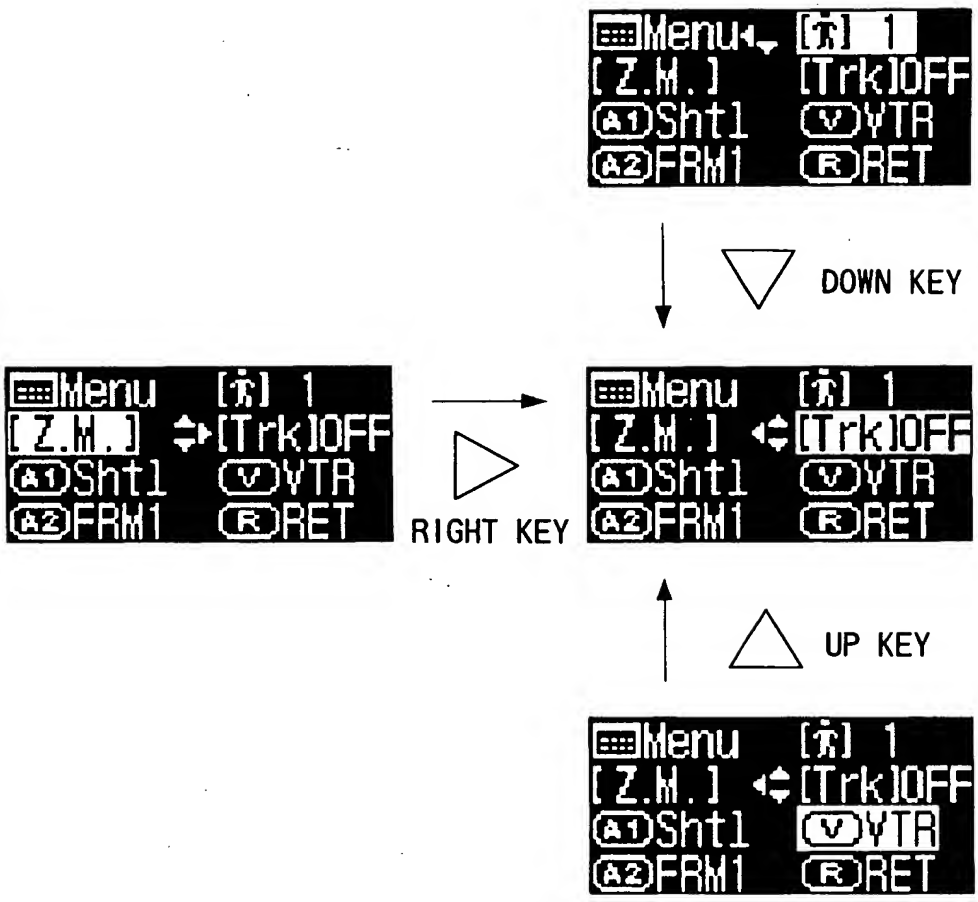

Menu [ ] 1
[Z.M.] [Trk]OFF
A1 Sht1 V VTR
A2 FRM1 R RET
DOWN KEY
RIGHT KEY
UP KEY

FIG.123

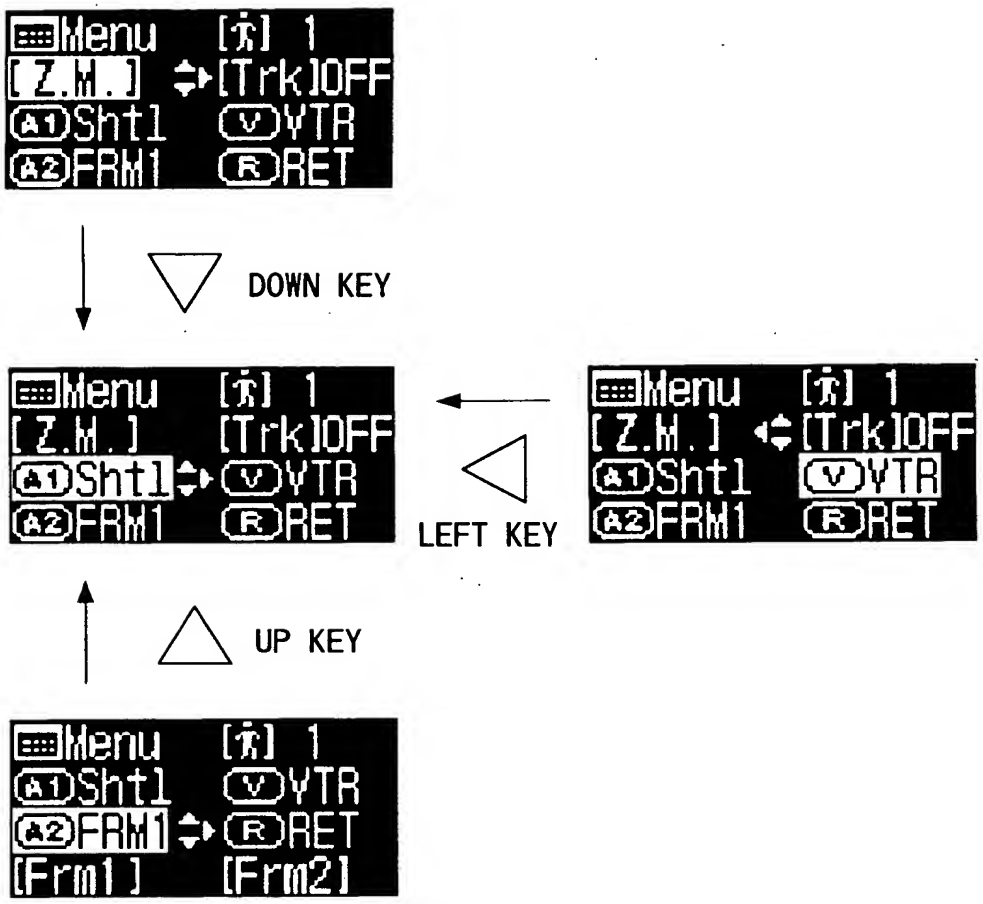

Menu [ｵ] 1
[Z.M.] [Trk]OFF
A1 Sht1 V VTR
A2 FRM1 R RET
DOWN KEY
Menu [ｵ] 1
[Z.M.] [Trk]OFF
A1 Sht1 V VTR
A2 FRM1 R RET
LEFT KEY
Menu [ｵ] 1
[Z.M.] [Trk]OFF
A1 Sht1 V VTR
A2 FRM1 R RET
UP KEY
Menu [ｵ] 1
A1 Sht1 V VTR
A2 FRM1 R RET
[Frm1] [Frm2]

FIG.124

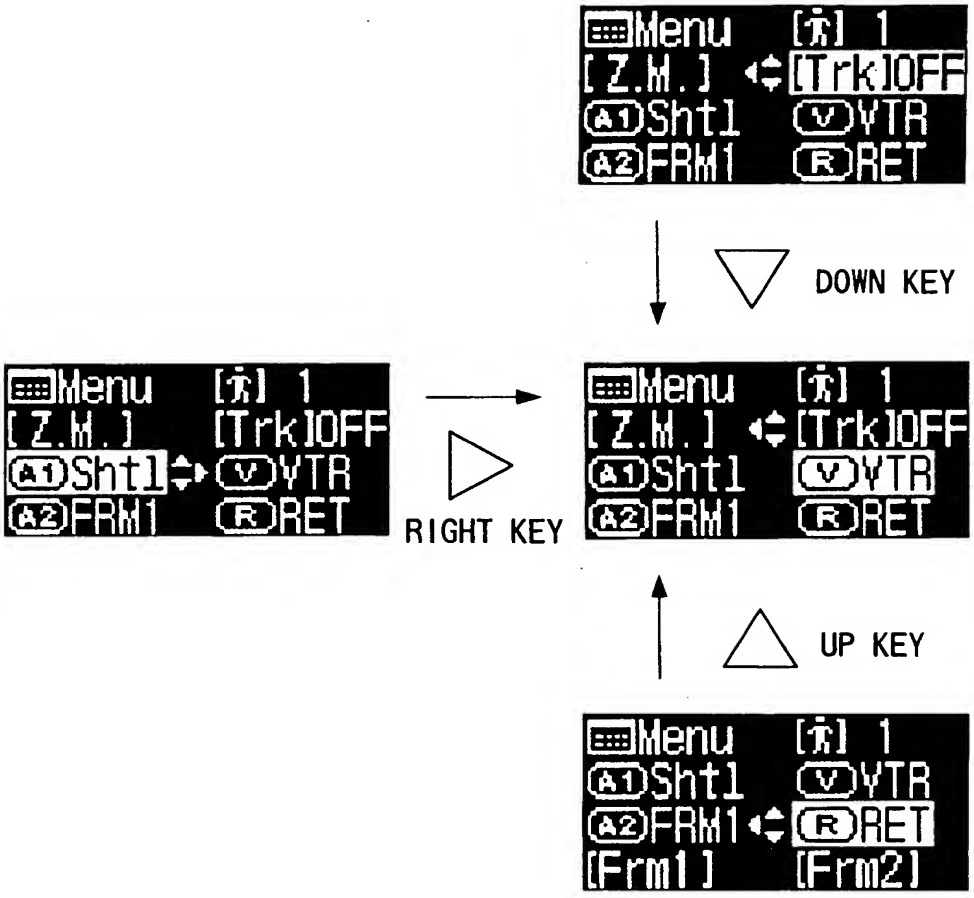

Menu [ｽ] 1
[Z.M.] [Trk]OFF
A1 Shtl V VTR
A2 FRM1 R RET
DOWN KEY
RIGHT KEY
UP KEY
[Frm1] [Frm2]

FIG.125

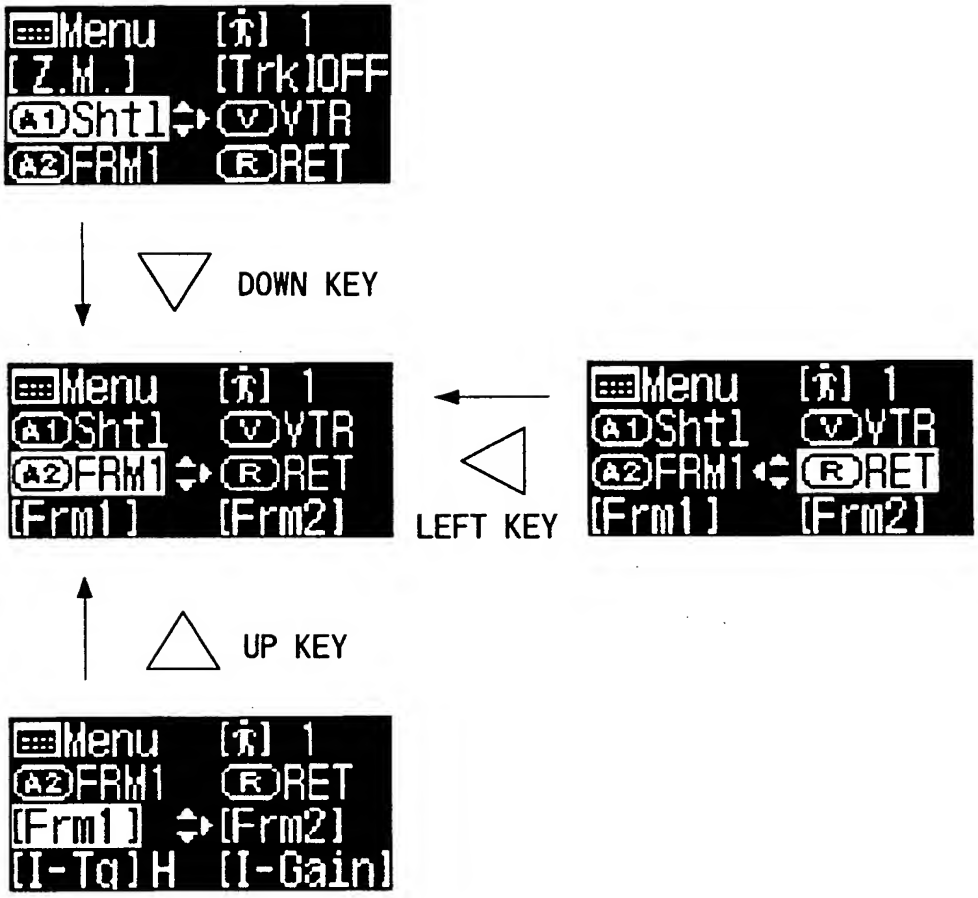

Menu [ｷ] 1
[Z.M.] [Trk]OFF
A1 Shtl V VTR
A2 FRM1 R RET
DOWN KEY
Menu [ｷ] 1
A1 Shtl V VTR
A2 FRM1 R RET
[Frm1] [Frm2]
LEFT KEY
Menu [ｷ] 1
A1 Shtl V VTR
A2 FRM1 R RET
[Frm1] [Frm2]
UP KEY
Menu [ｷ] 1
A2 FRM1 R RET
[Frm1] [Frm2]
[I-Tq] H [I-Gain]

FIG.126

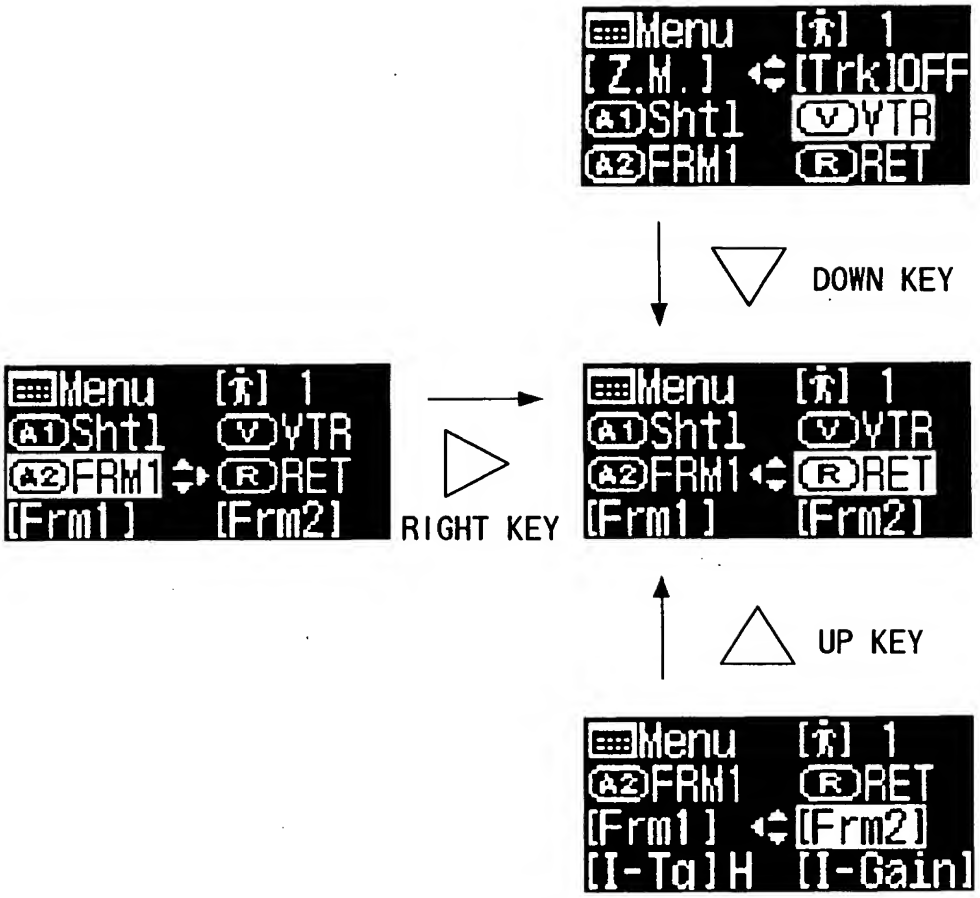

Menu [ ] 1
[Z.M.] [Trk]OFF
A1 Sht1 V VTR
A2 FRM1 R RET
DOWN KEY
Menu [ ] 1
A1 Sht1 V VTR
A2 FRM1 R RET
[Frm1] [Frm2]
RIGHT KEY
Menu [ ] 1
A1 Sht1 V VTR
A2 FRM1 R RET
[Frm1] [Frm2]
UP KEY
Menu [ ] 1
A2 FRM1 R RET
[Frm1] [Frm2]
[I-Tq]H [I-Gain]

FIG.127

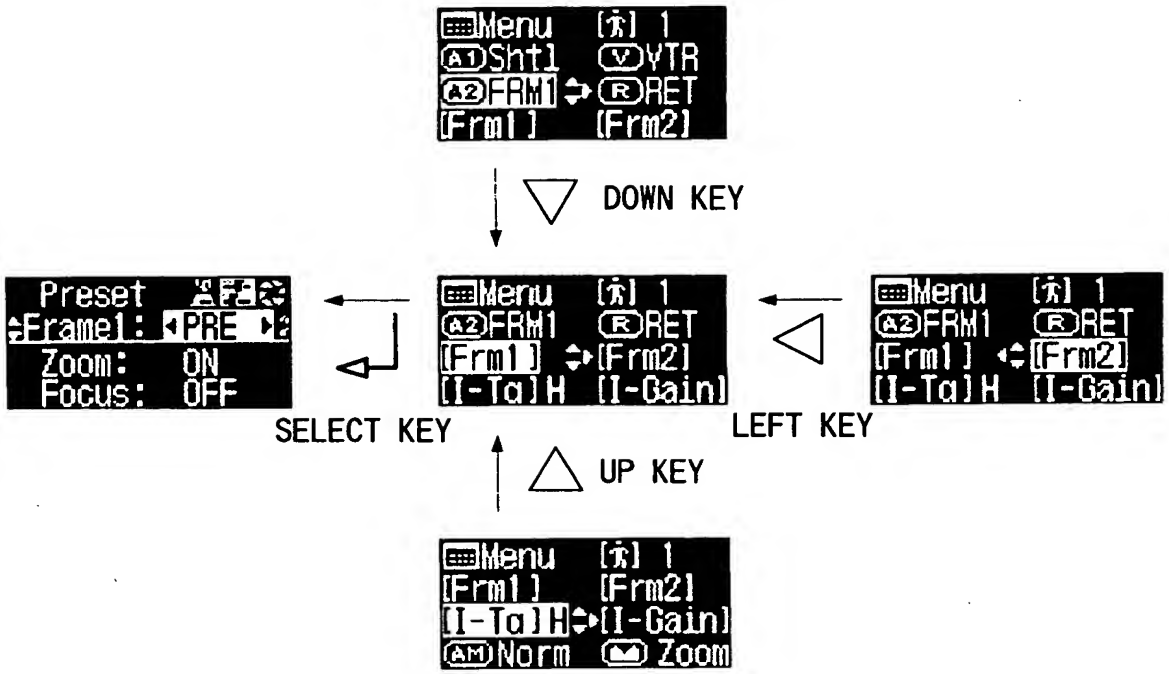


FIG.128

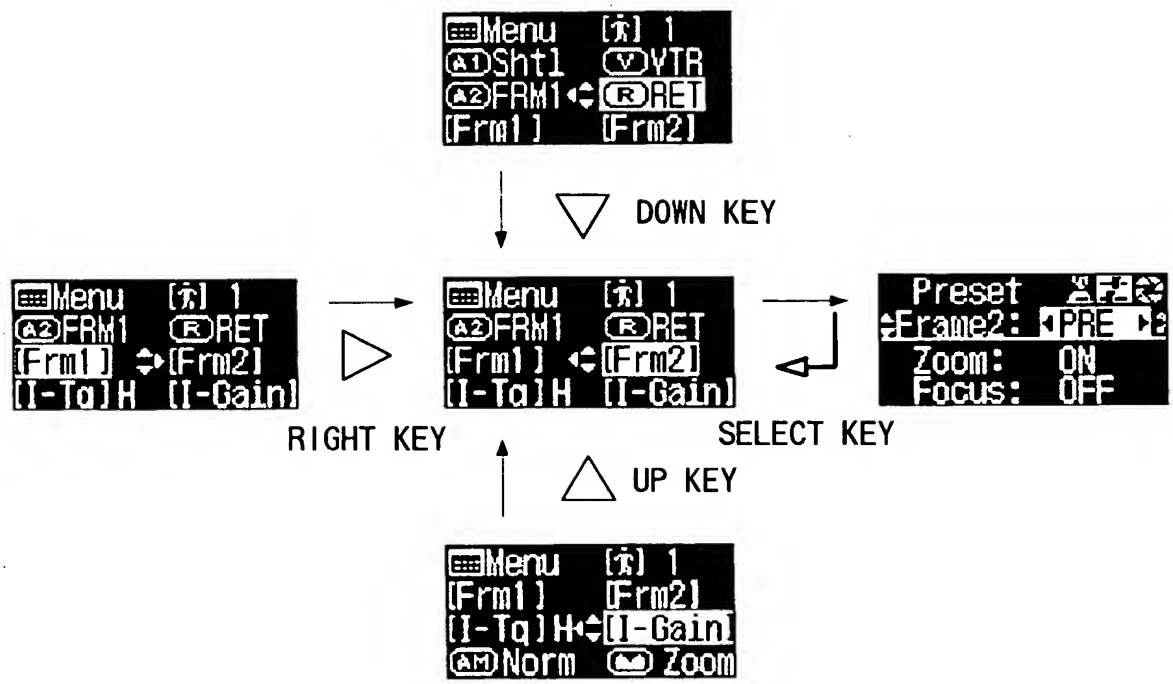


FIG.129

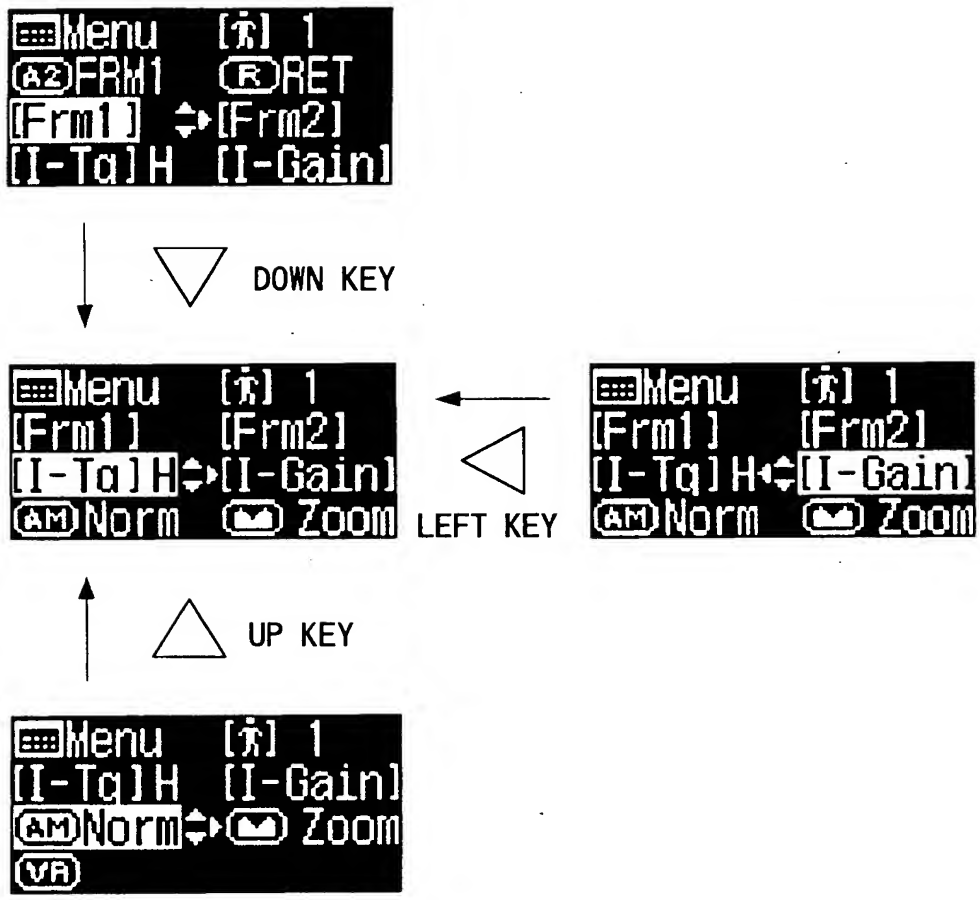

Menu [i] 1
A2 FRM1 R RET
[Frm1] [Frm2]
[I-Tq] H [I-Gain]
DOWN KEY
Menu [i] 1
[Frm1] [Frm2]
[I-Tq] H [I-Gain]
AM Norm Zoom
LEFT KEY
Menu [i] 1
[Frm1] [Frm2]
[I-Tq] H [I-Gain]
AM Norm Zoom
UP KEY
Menu [i] 1
[I-Tq] H [I-Gain]
AM Norm Zoom
VR

FIG.130

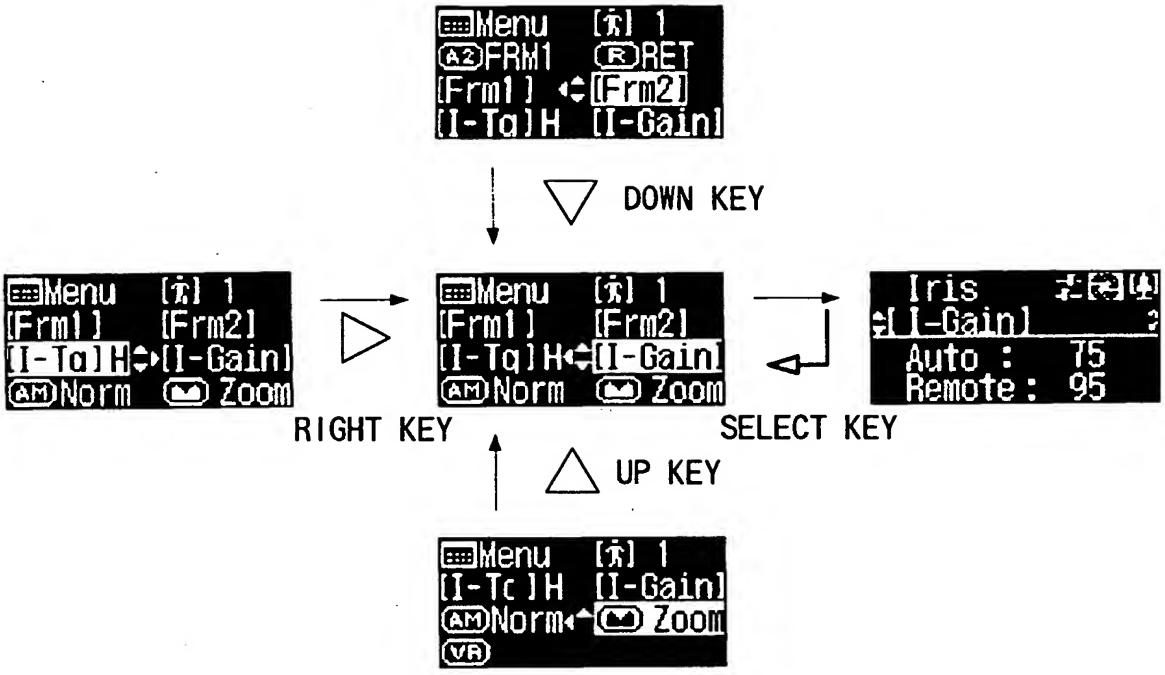


FIG.131

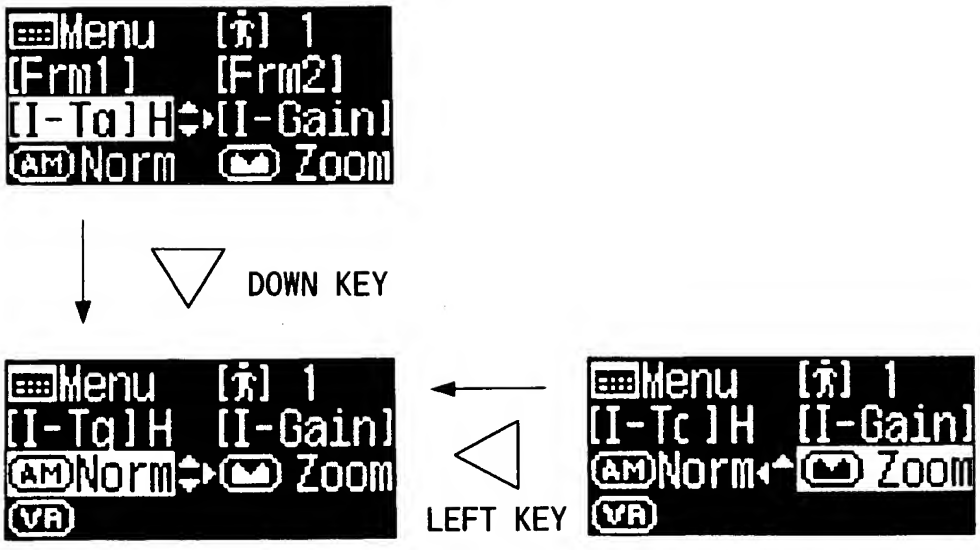


FIG.132

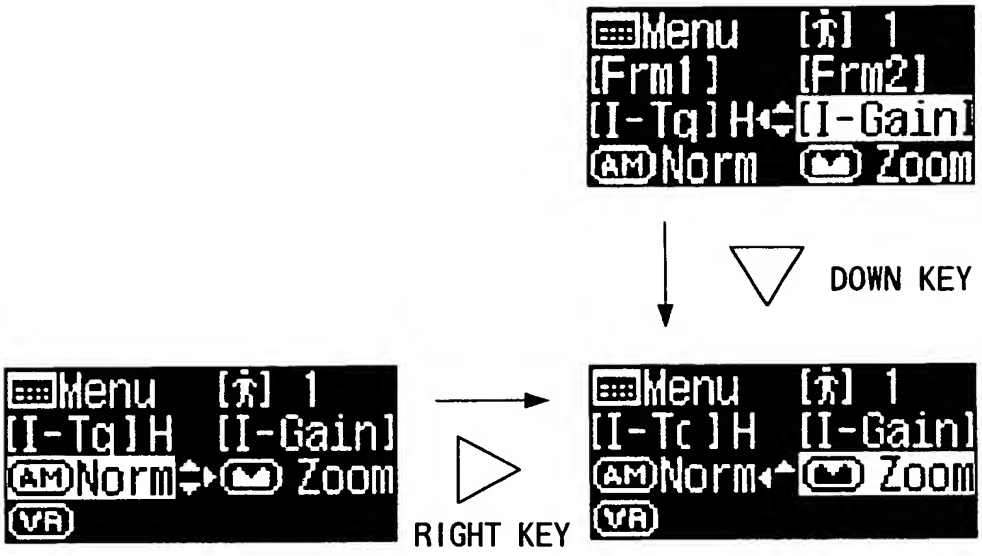


FIG.133

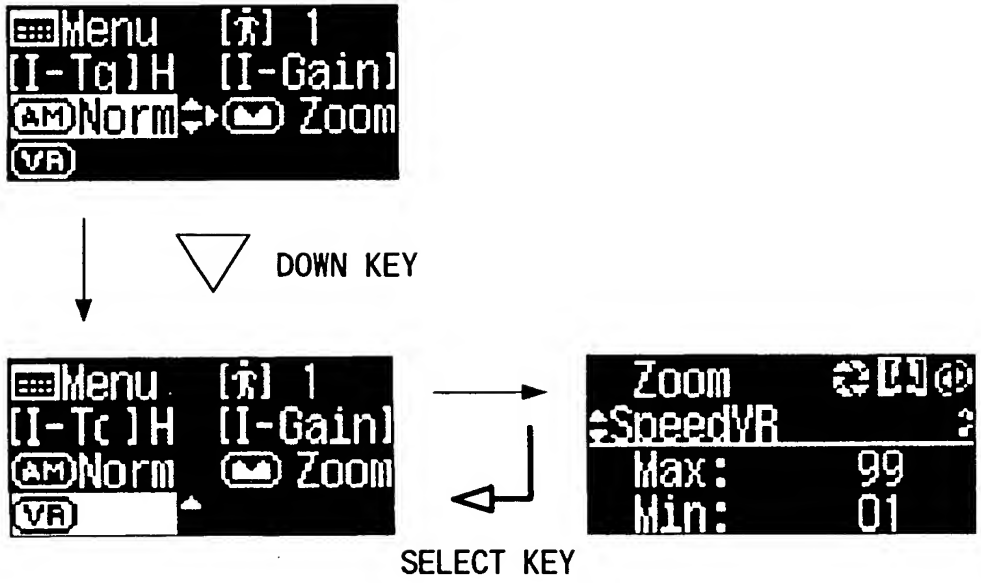


FIG.134